Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 138
Number 4

July 22, 1940

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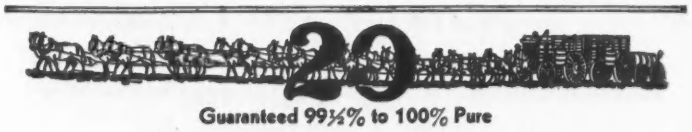

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Many additional applications other than those listed below will readily suggest themselves. Because conditions of use for any one of the suggested uses listed below may be quite varied, it is not possible to guarantee the results which may be obtained. Experimental work, simulating actual conditions of contemplated use, may be necessary. Further information as well as samples for experimental purposes are available upon request.

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*The word "Carbowax" is a registered trade-mark of Carbide and Carbon Chemicals Corporation

Oil, Paint and Drug Reporter

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Volume 138 **July 22, 1940** **Number 4**

U.S.P., N.F., C.P. Chemicals Exempt from Export Control

OPD Washington Bureau
July 19, 1940

The Department of State has exempted from licensing under the export control system chemicals which meet the standards of the United States Pharmacopeia or the National Formulary and chemically pure analytical reagents. These exemptions are based on the determination that the chemicals affected are finished fabricated articles even though they contain restricted materials.

Customs officials are being notified today to release exports of all U.S.P., N.F., or C.P. chemicals.

Word coming to Washington from many sources is that few listed products are being cleared by customs collectors at the various ports, and that the license system is in effect operating as a complete embargo. Much of this is due to misunderstandings on the part of both exporters and customs officials, while some of it is due to delay in securing necessary printed forms for applying for licenses and to delay in the Department of State in passing on the flood of applications presented and the many requests for interpretations.

Representatives of many exporting industries have had conferences with the control officials lately and have been given assurances that steps will be taken to expedite the procedure. It appears that many applications are not properly filled out and that many shipments not subject to license are being detained by customs collectors in the belief that they contain commodities on the list.

Toluol from Petroleum Is Defense Board Aim

OPD Washington Bureau
July 18, 1940

Progress reports issued this week by the National Defense Advisory Commission declare that plans for industrial mobilization are advancing rapidly in many fields. The technical staff of the commission is being built up continually by the appointment of business executives and outstanding experts, and announcements are being made periodically of projects for supplying materials needed in greater quantities for defense purposes.

One such commodity is toluol, and Edward R. Stettinius, jr., member of the commission in charge of the raw materials division, announced today that action is being taken to stimulate increases in the production of toluol from petroleum. This product is essential to the production of TNT (trinitrotoluene).

The matter was taken up at a meeting of the coaltar production subcommittee of the Chemical Advisory Committee of the Army and Navy Munitions Board and the chemical and petroleum sections of the defense commission. It was decided to designate a central office to receive proposals for the manufacture of nitratable grade toluene from responsible companies which may be considering entering this field. Such proposals will be entertained if the prospective contractor is prepared for production of large quantities of this product within twelve months of the contract date. Inquiries and proposals should be addressed to Maj. J. B. Harris, of the Ordnance Department, United States Army, room 1466 Nemours building, Wilmington, Del.

The Army and Navy Munitions Board has set up fifteen divisions of the chemical industry to study requirements to meet demands. The chemical division of the commission is working with the munitions board in this connection. Each of the fif-

—Continued on page 35

Inventory Definition For U.S. Tax Changed

OPD Washington Bureau
July 15, 1940

The need of inventories in connection with calculations of Federal income taxes in commodity businesses is set forth in section 19.22 (c)-1 of revenue regulations 103. This section also defines an inventory in terms of the tax law. The definition has been somewhat extended in a revised phrasing of the section, filed last week, which is as follows:—

Sec. 19.22 (c)-1. Need of inventories.—In order to reflect the net income correctly, inventories at the beginning and end of each taxable year are necessary in every case in which the production, purchase, or sale of merchandise is an income-producing factor. The inventory should include all finished or partly finished goods and, in the case of raw materials and supplies, only those which have been acquired for sale or which will physically become a part of merchandise intended for sale, in which class fall containers, such as kegs, bottles, and

—Continued on page 33

Vitamin Label Rules To Be Reissued

OPD Washington Bureau
July 18, 1940

A new draft of proposed regulations for labeling dietary foods and vitamin preparations will be published by the Food and Drug Administration in a week or ten days and a hearing on this subject will be scheduled for around September 1.

Proposed regulations under section 403 (j) of the food, drug, and cosmetic act were published shortly before the President's reorganization order transferring the Food and Drug Administration from the Department of Agriculture to the Federal Security Agency, but were withdrawn pending this transfer. They will be reissued in revised form, but it is stated that the changes will be relatively minor and that they will continue to cover drugs labeled for vitamin and mineral deficiencies in the diet on the theory that such preparations are both foods and drugs.

Paint Package Changes To Be Considered Aug. 8

OPD Washington Bureau
July 18, 1940

Consideration of the proposed general revision of the Interstate Commerce Commission's regulations in the transportation of inflammables and other dangerous articles will be held in the offices of the Interstate Commerce Commission, August 8 at 10:00 a.m., according to E. J. Leveille, chairman of the traffic committee of the National Paint, Varnish and Lacquer Association.

The Bureau of Explosives, Association of American Railroads, in collaboration with the Bureau of Marine Inspection and Navigation, have been working for months to correlate and simply so far as possible, the regulations to cover the handling of dangerous articles by both rail freight and water navigation, and the product of their labor is a volume of 168 pages, which is being closely analyzed by chemical and allied industries, Mr. Leveille said.

At the commission's request, the Bureau of Explosives will be prepared to confer with interested parties at the offices of the commission, at 10:00 a.m., August 5, 7, 1940, when opportunity will be afforded to discuss, and if possible, agree upon the suggested requirements. Proof No. 4 and certain further proposed new and amended provisions set out in separate issues entitled addendum A of proposed requirements, and table of disposition of paragraphs contained in the present regulations, are made the subject of the conferences, and of consideration at the hearings.

Synthetic Rubber Data Compiled by B.of S.

OPD Washington Bureau
July 16, 1940

The National Bureau of Standards, Department of Commerce, has published a circular of timely interest devoted to information on synthetic rubbers. It is the work of Dr. Lawrence A. Wood, of the bureau's section on rubber.

Dr. Wood points out that the economic factors involved in the production of synthetic rubber have changed considerably in the past thirty years. The growth of natural rubber in the Far East has reduced the price of this commodity from $3 a pound in 1910 to about 20 cents a pound currently. The cheapest commercial synthetic rubber still costs about twice as much as the natural product. However, the growing desire on the part of certain countries for national self-sufficiency, particularly in wartime, makes the price factor of less importance.

Dr. Wood's paper deals with six classifications of the twenty-nine commercial varieties of synthetic rubber. These are chloroprene polymers, butadiene polymers (including copolymers), organic polysulphides, isobutene polymers, plasticized vinyl chloride polymers, and dimethylbutadiene polymers. Familiar types of these are, respectively, "Neoprene," German "Buna" rubbers, "Thiokol," "Vistanex," "Koroseal," and "Methyl Rubber." For each of the first five types a brief discussion is presented concerning the raw materials used, the chemical re-

—Continued on page 49

Commerce Bureau Personnel Reduced

OPD Washington Bureau
July 18, 1940

Approximately forty employees are being dropped from the Bureau of Foreign and Domestic Commerce this month in order to keep expenditures within the funds appropriated for the bureau for the current fiscal year.

The official explanation is that the separations are being made on the basis of civil service efficiency ratings and are required by a cut in appropriations which was partly, but not entirely, offset by savings in the publications fund and a deficiency appropriation to permit the bureau to assist in national defense work. Corridor gossip has it that the separations would not have been necessary if the Department of Commerce had followed the direction of Congress in refusing to appropriate funds to pay the salaries of a dozen or so special experts brought to the department some time ago by Secretary Hopkins and popularly referred to as the "Sparkplug Boys" because of the secretary's explanation that they would put new pep into the department.

Congress originally supplied funds for these experts but warned that they were on trial, and this Spring both house and senate refused to renew the appropriation when the department's regular appropriation bill was under consideration. It was announced at the time that an attempt would be made to keep a number of these special assistants, and some of the employees affected by the current reduction in staff are of the opinion that many lower-paid positions are being vacated in order to obtain funds to retain the "Sparkplug Boys" whom Congress directed should be discharged. It is said that the morale of the bureau is lower than at any time in the past eight years.

New Synthetic Drying Oils From Domestic Sources

By M. L. Sheely and Dale V. Stingley

Respectively, Technical Director and Member of Research Laboratory Staff, Armour & Co.

Climaxing ten years of intensive research, new synthetic drying oils derived from marine oils, soybean oil, and other domestic raw materials are now available in commercial quantities. The potentialities of these new products are such that the United States not only will be freed from dependence on imported drying oils, but also will gain immensely in the uniformity and quality of oils available, as well as the ability to select and control the exact types of drying oils necessary to meet the demands of modern industry. A remarkable feature of the process lies in the fact that domestic raw materials heretofore of little value in the drying oil field can be reclaimed and processed to produce synthetic drying oils superior to natural oils at a price lower than that of the natural oils themselves.

The serious shortage of chinawood oil in recent years has given impetus to research directed to alleviating this shortage. Dehydrated castor oil and various processed natural oils have been developed as a result. However, it has been through the fractional distillation of certain oils that a new synthetic oil, "Neo-Fat No. 19 T.G.," is available which to a considerable extent replaces chinawood oil. "Neo-Fat No. 19 T.G." is a rapid-drying, hard-film oil, consisting essentially of the glycerides of highly unsaturated acids; saturated acids are almost completely eliminated. Its average chemical and physical constants are as follows:—

Saponification value	177.0
Iodine value (Wijs)	205.0
Acid value	6.0
Absolute viscosity, 25°C	2.0 poises
Specific gravity, 25°C	0.952
Color	pale yellow

Industrial Applications

Extensive laboratory and field tests have been conducted for the purpose of evaluating "Neo-Fat No. 19 T.G." in the drying oil field. It has been found that, due to its rapid drying and hard film characteristics, certain fundamental precautions should be observed in formulating with "Neo-Fat No. 19 T.G." Direct substitution for chinawood oil is not

—Continued on page 42

Closing Markets

London Closing Cable

LONDON, July 19, 1940

Quicksilver, £58 to £60 per flask, ex warehouse. To arrive, £54 10s.

Cottonseed Oil Steady

Refined cottonseed oil futures were quiet on Friday, many traders being disposed to adhere to a waiting attitude. Offerings were light and price changes small. Final quotations were slightly lower than at the close of the previous week, September ending at 6.10c., and December 6.15. Southern markets for cottonseed products were quiet and steady. Cotton crop weather was more favorable.

Tallow Steadier

Tallow offerings were light on Friday and to some the tone of the market appeared to be steadier. Moderate sales were reported at 4c. per pound for extra, bringing the estimated transactions for the week up to 2,000,000 pounds.

Sulphonated Castor Oils Lower

Various grades of sulphonated castor oil were lowered ¼c. per pound to conform with the lower prices for the raw material late in the week. Prices follow:—50 percent (43 percent fat), car lots, 8½c. per pound; 75 precent (63 percent fat), car lots, 11c. per pound and, 80 percent (68 percent fat), car lots, 11¼c. per pound. Less car-lot quotations were uniformly 1c. per pound higher.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Fats and Oils:—Norwegian rationing and control measures in Norway include whale oil, effective June 6, edible fats, soap, and allied articles, June 23, with a provision for maximum daily ration of butter at 45 grams or margarine at 35 grams, against individual ration cards. Soap factories' consumption of fats and fatty acids was reduced to 65 percent of normal.

Salt.—Guatemala established a general production tax of 0.07 quetzal on each Spanish quintal (45.3593 kilograms) of salt produced or manufactured in the country. The decree also provides that all salt, whether domestically produced or imported, when in quantities exceeding 1 quintal, may be transported only when covered by a permit issued by the Guatemalan Ministry of Finance.

Trichlorethylene:—The United Kingdom Board of Trade issued an order, making the exportation of trichlorethylene from the United Kingdom to any destination subject to license.

Tax Charges Must Be Accurately Stated

OPD Washington Bureau
July 15, 1940

The Bureau of Internal Revenue has been informed that in certain instances dealers in articles subject to the internal revenue taxes have raised the prices of these products to consumers in amounts considerably in excess of the defense taxes imposed by the revenue act of 1940, and have represented to their customers that such increases in prices reflected solely the imposition of the defense taxes.

The Commissioner of Internal Revenue consequently has issued a warning that, under section 3325 of the internal revenue code, whoever in connection with the sale or lease, or offer for sale or lease, of any article, or for the purpose of making such sale or lease, makes any statement, written or oral, intended or calculated to lead any person to believe that any part of the price at which such article is sold or leased, or offered for sale or lease, consists of a tax imposed under the authority of the United States, or ascribing a particular part of such price to a tax imposed under the authority of the United States, knowing that such statement is false or that the tax is not so great as the portion of such price ascribed to such tax, shall be guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not more than $1,000 or by imprisonment not exceeding one year, or both.

Chemical Prices Softer

There was some more easing off in price views last week in the markets for heavy and fine chemicals. Tin and copper were cheaper, and the bromine group was at lower levels.

Easing of demand was the major reason for the softening. Spottiness developed in several sections. Unseasonal weather and uncertain politics were contributory influences. Betterment was generally expected, at least in volume.

Prices were advanced on cyanamide (contracts), domestic and Argentine casein, barium nitrate, imported dried blood, cottonseed meal in the Southeast, and tankage.

Prices were reduced on electrolytic copper, Straits tin, tetrachloride of tin, bromine, bromides, hydrobromic acid, bromoform, gum turpentine, gum rosin, castor oil, mangrove bark, and wattle extract.

The REPORTER's composite index number remained at 129.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 91.7, compared with 88.7 at this time last year and 89.1 in 1938.

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OPD Forum

Outlet for Individual Opinion

(Anonymous communications will not be recognized; but publication of a signer's name will be withheld at request.)

Economic Syllogisms

Editor,
OIL, PAINT AND DRUG REPORTER:
Sir:—

Your editorial, "Unemployment Still a Problem," in the July 8 issue, is a reminder that a precaution in the use of any "simple syllogism" is to examine thoroughly the validity of the premises on which the conclusion of the argument is based. Ignorance of this precaution in the use of this elementary tool of logic has clouded thinking from the time of the ancient philosophers who gave it to us.

I trust that no substantial portion of either industrial management or labor may be convinced by your editorial that they can sit back complacently in contemplation of the security which the use of your simple formula gives them. Why not carry your support further to the adoption of the thirty-hour week? Then, if that does not increase our productivity sufficiently to provide us all with the more abundant life, champion the adoption of the twenty-hour week, etc., etc., so that eventually we may all find ourselves in Utopia where we do nothing because we have nothing to do it with.

There is concealed in the above paragraph a proposition which the editor of OIL, PAINT AND DRUG REPORTER might well simplify into syllogistic form and then spend his time advantageously discovering wherein it is fallacious.

I should think that the road followed by the French nation to national disaster has along its route enough warning signs for those who believe that what we need is less work done by those capable of doing it.

To place American income in terms of volume of goods and services at a level of 50 percent above 1929 where it should be today or, on the basis of today's dollar (it may be changed by fiat or manipulation), to put our income at an easily attainable $120,000,000,000 instead of the paltry $80,000,000,000 with which so many people have been encouraged to be satisfied, I suggest that our first need is to realize that we have a tough job ahead of us which requires more work rather than less work by those who are skilled in doing work.

We have tried everything else but work as a cure for our ills and we should at least be willing to give the one untried means a chance. If the added income from our efforts does not supply the social product necessary to take care of our unemployables and to provide worthwhile jobs for our employable unemployed, then and only then am I willing to admit that the job should be turned over to the philosophers and the witch doctors.

Wyandotte, Mich. LEE H. CLARK.
July 12, 1940.

(This matter is again considered editorially on page 26.)

Potash Chlorate Output In U.S. Increased Sharply

Domestic production of potash chlorate has been materially stepped up at the Oswego plant of the Uniform Chemical Products Company, this city. This sharp increase in operations, caused by an interruption in the flow of imports from Europe, has been made to cover domestic requirements.

Imports of potash chlorate, used chiefly in the manufacture of matches and in the production of fireworks, percussion caps, and explosive powders and to an extent in dyeing, tooth pastes and medicines, originate mainly in France, Germany, Sweden, Switzerland and Japan. The 1938 imports of chlorate and perchlorate amounted to 13,219,895 pounds.

Woods Visiting Chile

J. Albert Woods, president of the Chilean Nitrate Sales Corporation, this city, flew to Chile last week on a one-month business trip.

F.W.D.A. Convention Planning Is Started

Selection of business topics for discussion and of entertainment features for diversion at this year's annual meeting of the Federal Wholesale Druggists Association has been got under way by the arrangements committee under the chairmanship of John V. Powers, who is secretary of E. Fougera & Co., this city. The major theme of the business program, as Mr. Powers foresees it, will be the consumer influence in legislation affecting business.

The several subdivisions of the arrangements committee for the convention are headed by the following:—

Banquet, E. D. McDaniel, of White Laboratories, Newark, N. J.

Evening entertainment, Paige D. L'Hommedieu, of Johnson & Johnson, New Brunswick, N. J.

Golf, Charles S. Mott, of Topics Publishing Company, New York.

Ladies entertainment, Vance R. Littlefield, of Becton, Dickinson & Co., Rutherford, N. J.

Program, R. C. Schlotterer, secretary of the association, New York.

Publicity, Hugh Craig, of OIL, PAINT AND DRUG REPORTER.

Registration, Turner F. Currens, of the Norwich Pharmacal Company, New York.

Transportation, Robert B. Magnus, of Magnus, Mabee & Reynard, Inc., New York.

The convention will be held September 8 to 11 in Hot Springs, Va.

Alcohol Permittees Advised on Procedure

OPD Washington Bureau
July 16, 1940

Under the provisions of Treasury Decision No. 4982, "Basic Permit Procedure under Federal Alcohol Administration Act," the power and duty heretofore vested in the Deputy Commissioner of Internal Revenue in charge of the Alcohol Tax Unit, to issue, amend, deny, revoke, suspend, and annul basic permits under the provisions of the Federal Alcohol Administration act are also delegated to district supervisors of the Alcohol Tax Unit, to be exercised by them, subject to the supervision and direction of the deputy commssioner.

Effective July 26, all persons having matters or problems relating to the issuance, amendment, denial, revocation, suspension, or annullment of basic permits under the Federal Alcohol Administration act are advised by Stewart Berkshire, deputy commissioner, to submit all correspondence and inquiries concerning such activities to the District Supervisor, Alcohol Tax Unit, Internal Revenue Service, for the district in which they are located.

Neville Co. Appoints McKinney Research Head

Dr. Paul V. McKinney has been made director of research for the Neville Company, coaltar products, Pittsburgh, Pa. Coincident with the appointment of Dr. McKinney, the Neville Company also announced that research facilities would be doubled, including the doubling of space formerly available to its research department.

Born in Erie, Mich. in 1901, Dr. McKinney received his A. B. and M. A. degree from Wooster College and his doctorate from Princeton University. In joining the Neville organization Dr. McKinney was Senior Fellow in the work of the Texas Gulf Sulphur Company at the Mellon Institute. With the Neville organization he will engage in the production of synthetic resins and organic chemicals.

Prior to his recent work in the development of new sulphur products, Dr. McKinney was engaged in research on catalytic processes for the Phillips Petroleum Co. Eight years were spent formerly in the teaching of college chemistry, and graduate study was in the field of adsorption and catalysis under Professor Hugh Stoutt Taylor at Princeton University.

Davison Heads Bon Ami Co.

Alvah E. Davison, vice-president and general manager, has been elected president of the Bon Ami Company, this city. He succeeds Eversley Childs who has been named chairman of the board.

Dunning Heads East Sales For Michigan Alkali

George M. Dunning, long prominently identified with the sales of alkalis in the United States, has been placed in charge of general Eastern

OPD Photo

George M. Dunning

sales for the Michigan Alkali Company, this city.

Born in Brooklyn, Mr. Dunning was educated at Commercial High School and entered the chemical industry in 1904, the year in which he joined Edward Hill's Son & Co., which organization subsequently became the sales end of the Michigan Alkali Company, after having been its sales agent for a number of years. Ernest V. Finch is executive in charge of all sales for the company.

Carbide Plant to Be Erected In Oregon by Stuart Oxygen Co.

OPD Washington Bureau
July 18, 1940

Establishment of another basic industry in the Pacific Northwest as a result of the Federal development of low-cost hydroelectric power on the Columbia river was announced today by Secretary of the Interior Harold L. Ickes with the execution in Portland of a 20-year contract for the sale of 2,000 kilowatts of prime power to the Pacific Carbide & Alloys Company.

A new corporation and a subsidiary of the Stuart Oxygen Company of San Francisco, Calif., the company plans to establish a plant on a 10-acre tract which the company has purchased in the St. John's district on the outskirts of Portland, Ore., to manufacture calcium carbide to be used by the parent company and others in the manufacture of acetylene gas and other products. The plant will be the first of its kind West of the Mississippi river. At present there are but four companies engaged in the manufacture of carbide in the United States.

Secretary Ickes said he had been advised by Bonneville Power Administrator Paul J. Raver that the carbide plant would probably begin operation some time next September. Under its contract, Bonneville is called upon to deliver power when the plant is ready for operation. During a two-year development period, the Bonneville contract provides that the minimum demand upon Bonneville will be for 700 kilowatts. For the remaining eighteen years, the demand will be increased to at least 2,000 kilowatts.

Bonneville power will be delivered to the Pacific Carbide plant temporarily over lines of the Northwestern Electric Company under terms of an agreement with the utility. It will be paid for at Bonneville's standard prime power rate of $17.50 a kilowatt year and will be used in the operation of an electric arc furnace on a 24-

—*Continued on page* 45

Skim Milk Powder Standard Proclaimed

OPD Washington Bureau
July 15, 1940

A regulation has been promulgated by the Federal Security Administrator establishing under the food, drug, and cosmetic act a definition and standard of identity for dried skim milk, also known as powdered skim milk or skim milk powder. The standard which was based on evidence received at a hearing in May, 1939, will become effective October 10. It is as follows:—

Dried skim milk, powdered skim milk, skim milk powder, is the food made by drying sweet skim milk. It contains not more than 5 percent of moisture, as determined by the method prescribed in "Official and Tentative Methods of Analysis of the Association of Official Agricultural Chemists," Fourth Edition, 1935, page 282, under the caption "Moisture—Tentative." The term, "skim milk," as used herein means cows' milk from which the milk fat has been separated.

Gasoline Freight Plan Opposed As Unsound

OPD Washington Bureau
July 18, 1940

Oral argument was completed today before the Interstate Commerce Commission in the Petroleum Rail Shippers' Association case involving recommendations for railroad rates on gasoline from Southwestern refineries to the Midwest marketing area. The hearing revolved around a report made in April by Examiner C. E. Stiles in which he recommended the commission establish multiple-car, or trainload, rates instead of the present carload rates.

J. F. Lawrence, representing the complainant independent midcontinent refineries, pointed out that the examiner's recommendations were neither sound nor wise. He said trainload rates in general might be given a trial, but that the rates set by Examiner Stiles would have only a neg-

—*Continued on page* 33

N.P.V.L.A. Holds Meeting On Cooperative Advertising

The committee on cooperative advertising campaign of the National Paint, Varnish and Lacquer Association, under the chairmanship of de Lancey Kountze, of the Devoe & Raynolds Company, this city, met with Ernest T. Trigg, president of the association, in this city, July 17, and held a preliminary discussion in reference to a cooperative advertising campaign by the industry. Such a campaign was the subject of a presentation by President Trigg at the 1939 convention in San Francisco, where, following discussion, a resolution was adopted approving the idea and the creation of a committee to work out detailed plans.

Philippines Cocoanut Corp. Formed to Foster By-Products

Manila, July 17, 1940

A national cocoanut corporation is to be set up October 1, 1940. The purpose of the corporation will be to stabilize the cocoanut market in the Philippines, and to stimulate the development of little-known by-products of cocoanut and copra, such as the fiber, etc. No subsidy is to be paid to producers and processors, since the money is to go only into the betterment of cocoanut products. The corporation is capitalized at $10,000,000, and funds are to come from refunds of cocoanut oil excise taxes made by the United States.

Trade Associations Must Know Antitrust Law Processes

By John M. F. Donovan, Jr.

Trade Association Counselor

(Continued from July 15 issue)

II. Department of Justice Procedure

When Adam Smith wrote The Wealth of Nations, he recognized a common danger that may exist whenever members of trade associations meet to consider mutual and legitimate industry problems. In that treatise he said:—

People of the same trade seldom meet together even for merriment and diversion but the conversation ends in a conspiracy against the public or in some contrivance to raise prices.

The antitrust laws have for their purpose the prevention of such unfair methods of competition and restraints of trade. While they have not prevented centralization, they have tended to prevent the destruction of small businesses by questionable practices. They have forced combinations to adopt various methods of cooperation to achieve their ends, rather than the utilization of coercive means. They have been ineffective in dealing with questionable uses of price leadership, but they have been able to exert their influence in destroying, in a measure, direct price control.

Complaints Section

All complaints of violation of the antitrust laws which are received by the Department of Justice are sent to the complaint section. It is perfectly evident that it is impossible to investigate every complaint and to prosecute successfully all the potential antitrust cases. It is possible to investigate effectively only a few of the complaints received which involve a substantial and widespread injury to the public and a destruction of free and open competition.

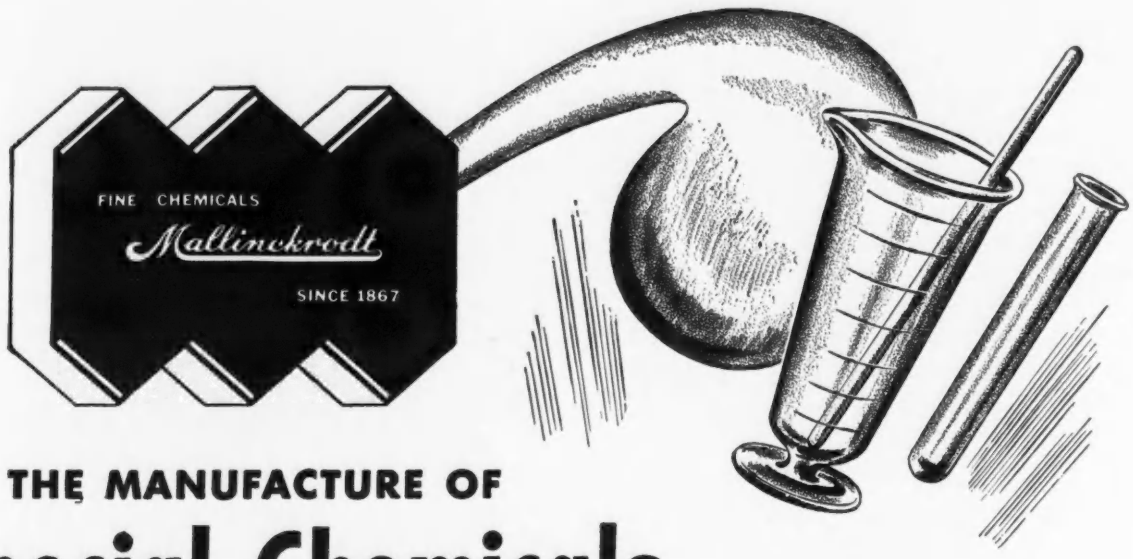
In the complaints section one application is weighed against another in an attempt to concentrate every effort on those complaints which show the most serious injury to the public.

An important part of the work of the Department of Justice is to facilitate compliance with the antitrust laws by helping conscientious businessmen to understand them. The position of the department is that the lack of definition of the boundaries of the antitrust laws has created a vicious circle which runs somewhat in the following manner:—(a) It is not fair to enforce the antitrust laws against businessmen in cases where their application is not clear; (b) at the same time, the application never becomes clear because such cases are not brought before the courts. The solution to this dilemma, according to the department, lies in understanding the true function of litigation. It should not be regarded as a moral assault upon wicked individuals. It is an orderly means by which general provisions for economic adjustment are made concrete through localization and application to the conditions of a particular industry.

In pursuing the case-by-case method of developing and clarifying the meaning and limits of the antitrust laws, the Department of Justice feels that each new case presents the court at least one of two questions. The first question is this: Does a particular type of organization go beyond the necessities of efficient mass production and become an instrument of arbitrary price control? The second question is: Does a particular combination among organizations tend toward the creation of orderly marketing conditions which facilitate the distribution of goods, or is it an instrument to maintain rigid prices?

It is the position of the Department of Justice that the answers to these two questions can be obtained only by presenting factual situations to the courts in a sufficient number of cases to cover all industrial problems. The

—*Continued on page* 58



THE MANUFACTURE OF

Special Chemicals

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The Mallinckrodt Chemical Works has developed many chemicals to meet the unusual demands of various industries. New products and new processes may require a chemical of unusual purity or a chemical of special physical form. The following Mallinckrodt products are typical of these special chemicals:

ETHYL MERCAPTAN—Odorant

This volatile, powerful stench introduces a pungent odor into natural and liquefied petroleum gases. Its purpose is to make escaping gas detectable. Ethyl Mercaptan is also used in several important chemical reactions.

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Photographic and other special uses require a material which is non-caking and quickly soluble. Mallinckrodt Alum Chrome meets these requirements and, in addition, is held to close chemical limits on the quantity of all foreign metals.

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Much more convenient than the usual crystal form. The granulated material is designed for ready solubility. Widely used as an antifermentative. Standard packages 100 lb. drums, 300 lb. barrels. Manufactured at our St. Louis plant. Samples available.

These are just three of the many special chemicals which Mallinckrodt has manufactured to solve specific problems. Many other materials of this type are being manufactured at the present time. Write for information on special chemicals for special purposes.

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PHILADELPHIA CHICAGO MONTREAL TORONTO

Current Market Quotations

July 19, 1940

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

RECEIVED JUL 22 1940 LIBRARY THE CHEMISTS' CLUB

A

Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., bbls.....lb. .22 - —
95%, bbls.....lb. .29 - —
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25-lb. lots.....lb. .38 - —
kgs., 2,000-lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000-lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25-lb. lots.....lb. .36 - —
kgs., 2,000-lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .06½- —
l.c.l., dlvd.....lb. .07 - —
tanks, dlvd.....lb. .06 - —
Methyl (see M).
Acetophenone, bots.....lb. 1.60 - —
cns., 25 to 50 lbs.....lb. 1.30 - 1.35
dms., 100 lbs.....lb. 1.27 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N. D., Okla., S. D., Tex. E. of Austin and Brownsville...lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, com'l or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys., cs.....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys., cs.....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys., cs.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys., cs.....100 lbs. 6.39 - 6.64
glacial, nat., CP, cbys.100 lbs.14.00 - —
99.5% bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
tanks .....100 lbs. 5.00 - —
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms.....100 lbs. 8.43 - 8.68
cbys., cs.....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys., cs.....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys., cs.....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys., cs.....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys., cs.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys., cs.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls..lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls..lb. .40 - —
Adipic, fib. dms., works.....lb. .31 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.25 - 2.50
Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works. 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more. lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bulk, frt. alld..ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex whse...ton.108.00 - —
less than ton lots, ex whse..ton.113.00 - —
bbls., c.l., frt. alld...ton.106.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse...ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.111.00 - —
ton lots, ex whse...ton.123.00 - —
Acid, boric, tech., 99.5%, powd., bbls., less than ton lots, ex whse..ton.128.00 - —
USP, $25 per ton higher.
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Broenner's, bbls.....lb. 1.11 - —
Camphoric, cns.....lb. 7.00 - —
Capric, dms.....lb. .14 - .14½
Caproic, dms., works.....lb. .30 - .35
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17 - .17½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N.Y..lb. .15¾- —
l.c.l., 5 tons, dlvd., N. Y. lb. .15¾- —
smaller quantities, dlvd. N.Y..lb. .16¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dms.....lb. .10½- .11
Corn, dist., dms.....lb. .09 - .09¼
Cottonseed oil, dist., dms....lb. .08¾- .09
tanks .....lb. .08 - —
Cresylic (coaltar) high-boil 50%, 210°-215°, dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 210°-215°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equld..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
imported, pale, dms...gal. .65 - .70
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East. U.S...gal. .40 - —
l.c.l., same basis....gal. .41 - .42
tanks, dlvd., East U.S.gal. .389 - —
medium-boil (222°-249°), non-return dms., c.l., works, East., U.S..gal. .46 - —
l.c.l., same basis....gal. .47 - .48
tanks, dlvd., East. U.S..gal. .448 - —
Crotonic, 10 bbls. or more, dlvd..lb. .21 - —
smaller lots, dlvd.....lb. .26 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 and over.....lb. .11 - —
1-24 .....lb. .11½- —
Fumaric, bbls., 1-ton delivery.. lb. .24 - —
smaller lots.....lb. .25 - .28
Gallic, tech., bbls.....lb. .90 - .93
N. F., VI. bbls., 200 lbs., 5 or more..lb. 1.07 - —
single bbls.....lb. 1.10 - —
fib. dms., 25 lbs.....lb. 1.16 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs. or cbys.....lb. .17 - —
25 or 50-lb. demijns.....lb. .21 - .23
5-lb. bots.....lb. .29 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. lots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, U.S.P., 48%...lb. .48 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .06 - .06½
rubber dms.....lb. .08 - .08½
48%, lead cbys.....lb. .12 - —
rubber dms.....lb. .11 - —
52%, lead cbys.....lb. .13 - —
rubber dms.....lb. .12 - —
60%, lead cbys.....lb. .14 - —
rubber dms.....lb. .13 - —
Hydrofluosilic, 30-35%, 420 lbs. bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works. 100 lbs. 5.50 - —
l.c.l., bbls., works.. 100 lbs. 5.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., works.....100 lbs. 3.75 - —
cbys., works...100 lbs. 4.75 - —
44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works....100 lbs. 6.75 - —
cbys., works..100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10½- .11½
5 to 19, cbys.....lb. .11 - .12
1 to 4, cbys.....lb. .11½- .12½
Lactic, plastic grade, bbls., cbys., 20 or more..lb. .12¼- .13½
5 to 10, cbys.....lb. .12¾- .13¾
1 to 4, cbys.....lb. .13¼- .14½
80%, bbls., cbys., 5 or more.lb. .21 - .22
1 to 4, cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms.....lb. .13½- .14
Laurent's, bbls.....lb. .45 - —
Linseed oil, light, dms.....lb. .13¼- .13¾
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs.....lb. 2.05 - —
smaller lots.....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kegs, works.....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works.....100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works. 100 lbs. 1.75 - —
l.c.l., 25 and over, works. 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works.....100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works.....100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P. dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .17¾- .18¼
Naphthenic, dom., acidity 160, dms., c.l., works..lb. .06½ Nom.
l.c.l., works.....lb. .07 Nom.
tanks, works.....lb. .06 Nom.
220 min. acidity, dms., c.l., works..lb. .09 Nom.
l.c.l., works.....lb. .09½ Nom.
tanks, c.l., works.....lb. .08 Nom.
240 min. acidity, dms., c.l., works..lb. .10 Nom.
l.c.l., works.....lb. .10½ Nom.
tanks, works.....lb. No prices
Nicotinic, 25-lb. cns.....lb.15.00 -15.50
5-lb. bots.....lb.16.50 - —
1-lb. bots.....lb.17.00 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24 works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24 works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs and over....lb. .11 - —
smaller quantities...lb. .12 - .14
Palm oil, white, dist., dms..lb. .07 - .07½
tanks .....lb. .06½- —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50%, s. g. 1.347, cbys., 70 lbs..lb. .12 - —
dms., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic synth., pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works.....lb. .11 - —
Pyrogallic, tech., lump, powd., bbls..lb. 1.20 - —
cns. .....lb. 1.25 - —
USP, cryst., cns.....lb. 1.70 - —
resubl., cns.....lb. 2.25 - —
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split). tech., dms., c.l., works.....lb. .27 - —
l.c.l., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works...lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .09¼- .09¾
Stearic, dist., double pressed, bgs., dlvd..lb. .09¾- .10¾
single pressed, bgs., dlvd..lb. .09¼- .10¼
triple pressed, bgs., dlvd..lb. .12½- .13½

Acacia—Alcohol

Acid, stearic, saponif., double pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .12¾- .13¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½- —
9-lb. lots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. lots.....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms.....lb. .54 - .56
USP, fluffy, bbls., 1,000-lb. lots..lb. .98 - —
100-lb. lots.....lb. 1.00 - —
25-lb. lots.....lb. 1.03 - —
powd., bbls., 1,000 lbs....lb. .88 - —
smaller lots.....lb. .90 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment.....lb. .41¼- —
smaller quantities...lb. .41¾- —
kgs. .....lb. .42¾- —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. No prices
Chem. grade, kgs., works..lb. No prices
Aconite leaves, bls.....lb. .28 - .40
Root, bls.....lb. .50 - .55
Aconitine, amorph., bots.....oz.23.00 - —
vis. .....gr. 1.00 - —
cryst., bots.....oz.42.00 - —
vis. .....gr. 1.60 - —
Adeps lanae, anhyd., dms.....lb. .26½- .27
hyd., dms.....lb. .24½- .25
Agar, 1, bls.....lb. 1.50 - 1.55
3, bls.....lb. No prices
Agaric, white, bls.....lb. 5.00 - 5.25
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis.lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .55 - .62
import ,bgs.....lb. No prices
Egg, ed., dom., cryst., bbls..lb. .54 - .60
powd., dms., bbls.....lb. .59 - .65
import, cs.....lb. .60 - .62
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
normal, dms., l.c.l., wks....lb. .25 - —
Benzyl, cns.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works...lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
tankwagon, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. paid E. of Miss. R..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
tertiary, denaturing, c.l., dms..lb. .12½- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11½- —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l, dms.....lb. .95 - —
import, 85%, 100-lb. dms....lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l, 350-lb. dms.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
denatured, CD14, dms., c.l., works, E..gal. .31½- —
l.c.l., works, dms.....gal. .36½- —
tanks, E., works.....gal. .25½- —

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI 190 pf., bbls., c.l., E. works..gal. .29½- —
19 bbls., E. works....gal. .31½- —
1 to 18 bbls., E. works, gal. .34½- —
dms., c.l., E. works...gal. .28½- —
19 dms., E. works...gal. .30½- —
1 to 18 dms.....gal. .33½- —
tanks, E. works.....gal. .22½- —
Anhydrous 3c. per gal. higher.
SD-2B, dms., c.l., works, E. gal. .26½- —
19 dms., works, E...gal. .28½- —
1 to 18 dms., works, E. gal. .31½- —
tanks, E. works.....gal. .20½- —

Alcohol—Ammonia Hypophos.

Alcohol, denatured, SD23G, works, E., c.l., dms..gal. .32½- —
19 dms.....gal. .34½- —
1 to 18 dms.....gal. .37½- —
tanks .....gal. .26½- —
Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.
special solvent, dms., c.l., E., works..gal. .29½- —
20 dms., E. works.. gal. .31½- —
1 to 10 dms.....gal. .34½- —
tanks, E. works.....gal. .23½- —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, acetone-free, dms., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
cns., works.....lb. .16½- .18½
tanks, dlvd.....lb. .11 - —
tech., dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
cns., works.....lb. .16 - .18
tanks, dlvd.....lb. .10½- —
Ethyl, 190 pf., ex. molasses, bbls., c.l..gal. 5.97½- —
19 bbls.....gal. 6.01 - —
1 to 18 bbls.....gal. 6.04 - —
dms., c.l.....gal. 5.96½- —
19 dms.....gal. 6.00 - —
1 to 18 dms.....gal. 6.03 - —
tanks .....gal. 5.90½- —
absolute, dms., c.l.....gal. 6.24 - —
19 dms.....gal. 6.27½- —
1 to 18 dms.....gal. 6.30½- —
Grain alcohol 25c. gal. higher.
Ethylhexyl, dms., c.l., works..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
Tanks, same basis.....lb. .23 - —
Alcohol, furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs, works, lb. .20 - —
l.c.l., 500 lbs, and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., works..lb. .0690- —
tanks, same terms.....lb. .0590- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal. .65 - —
55 gal., c.l., same basis, gal. .33½- —
l.c.l., same basis...gal. .38½- —
tanks, frt. alld.....gal. .28½- —
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis...gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bota., cans.....lb. 2.30 - 3.35
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .60 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .70 - —
Octyl (see ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y.lb. .44 - —
450-lb. lots, same basis...lb. .50 - —
cns., f.o.b., Cedar Rapids, ia. lb. .55 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72

Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., s.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .28 - .29
Aloe, Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .40 - .42
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .42 - .45
Aloin, 140-lb. bbls.....lb. 3.25 - —
100-lb. kgs.....lb. 3.27 - —
25-lb. fib. dms.....lb. 3.34 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .65 - .70
peeled, bls.....lb. .43 - .44
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.50 - —
dlvd., N.Y., Phila..100 lbs. 3.50 - —
lump, bbls., works.....100 lbs. 3.75 - —
dlvd. N.Y., Phila..100 lbs. 3.75 - —
powd., bbls., works....100 lbs. 3.90 - —
dlvd. N.Y., Phila..100 lbs. 3.90 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, dlvd N. Y. prices apply to truck or ex warehouse.

Alum, potash, gran., bbls., works, 100 lbs. 3.75 - —
dlvd. N. Y., Phila..100 lbs. 3.75 - —
lump, bbls., works.....100 lbs. 4.00 - —
dlvd. N. Y., Phila..100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
dlvd N. Y., Phila..100 lbs. 4.15 - —
Potash alum prices on same basis as those for ammonia alum.
Potash chrome, bbls.....lb. No price
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, tech., basic, powd., insoluble, bbls., 10 or more, dlvd..lb. .35 - —
1 to 9, dlvd.....lb. .40 - —
smaller containers, dlvd. lb. .50 - —
soluble, bbls., dlvd....lb. .33 - —
smaller containers, dlvd. lb. .45 - —
solut., 32%, bbls., c.l., dlvd..lb. .09½- —
l.c.l., 10 or over, dlvd. lb. .11 - —
1 to 9, dlvd.....lb. .12 - —
normal, pwd., bbls., dlvd. lb. .22 - —
smaller containers, dlvd. lb. .35 - —
solut., 20%, bbls., c.l. dlvd..lb. .08 - —
l.c.l., 10 or over, dlvd. lb. .08½- —
1 to 9, dlvd.....lb. .09 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 875 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd.....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l. .....lb. .19 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works.....100 lbs. 1.35 - —
l.c.l., works, frt. equaled, 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.60 - —
l.c.l., works.....100 lbs. 1.85 - —
bbls., c.l., works.....100 lbs. 1.80 - —
l.c.l., works.....100 lbs. 2.05 - —
Aluminum 98-99%, c.l.....lb. .19 - —
l.c.l. .....lb. .20 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .62 - —
ink, dms., 1,500 lbs....lb. .72 - —
standard, dms., 1,500 lbs..lb. .39 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs..lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
lining, dms., 1,500 lbs....lb. .56 - —
standard, dms., 1,500 lbs..lb. .56 - —
rubber compound, dms., 1,500 lbs..lb. .39 - —
unpolished, dms., 1,500 lbs. lb. .36 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
standard, dms., 1,500 lbs..lb. .39 - —
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 - 26.00
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms., works.....lb. .65 - .70
Anhydrous, fertilizer, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va.....ton. 90.00 - —
refrigeration, tanks, works, lb. .05 - —
pure, cycls., dlvd., met. N. Y., lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l. .....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works..lb. .04 - —
Benzoate, dms., kgs., 4,000 lbs. nr more..lb. .40 - —
1,000 lbs. to 3,900 lbs....lb. .41 - —
900 lbs, or less.....lb. .42 - —
Bicarbonate, bbls., dlvd., Met. N. Y..lb. .0556- —
kgs., same basis.....lb. .0606- —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .31 - —
bxs. .....lb. .34 - .35
kegs .....lb. .32 - —
Carbonate, lump, bbls., dlvd., Met. N.Y..lb. .08 - —
kgs., same basis.....lb. .11 - —
cns., same basis.....lb. .13½- —
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .13 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
50-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .85 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —

MoO_3

The two lowest cost raw materials for the production of all Molybdenum compounds, including Molybdated pigment colors, are:

PURE MOLYBDENUM TRIOXIDE
AND TECHNICAL MOLYBDENUM TRIOXIDE

Our development department will gladly take up with you any problems involving the application of Molybdenum

Climax Mo-lyb-den-um Company
500 Fifth Avenue · New York City

MOLY

Ammonia, iodide, 5-lb. bots....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure gran.....lb. .32 - —
Perchlorate, kgs.....lb. .17 - .19
Persulphate, kgs., dom.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos., bulk, f.o.b. E. works.. unit-ton. 1.55 & .79
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .11½- —
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l. contr., f.o.b. cars, ports, July-Dec. shipt..ton.28.00 - —
spot, same basis.....ton.29.00 - —

Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.

Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works.....lb. .12 - .18
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.00 - 5.15
import, cakes.....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
cns., works.....lb. .16 - .18
ex Pentane, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works..lb. .25 - —
Salicylate, 5 lbs., bots.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. 1.02 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .25 - .26
import, natural, bls.....lb. 1.75 - 1.80
twisted, bls.....lb. 1.95 - 2.00
Angostura bark, bls.....lb. .28 - .32
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. .13½- .14
Cyprus, bgs.....lb. .16 - .16½
Mexican, bgs.....lb. .13½- .14
Spanish, bgs.....lb. .27½ Nom.
Star, bgs.....lb. .16 - .16½
Anisic aldehyde, bots.....lb. 2.85 - 2.90
Annatto paste, bxs.....lb. .84 - .89
seed, bgs.....lb. .06½- .07
Anthracene, 80 85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chlor'de, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, powd., kgs.....lb. .18 Nom.
Oxide, bgs., c.l.....lb. .13 - .14
l.c.l. .....lb. .14½- —
Salt, 65%, dms.....lb. .80 - —
bbls. .....lb. .58 - —
White pigment, bgs., f.o.b. Laredo, Tex..lb. .13 - .16
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 - 23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .13 - .16
Arecoline hydrobromide, bots..oz. 6.00 - 6.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, kilos. No prices
Arnica flowers, bls.....lb. .60 - .70
Root, bls.....lb. .43 - .55
Arrowroot, St. Vincent, powd. bgs..lb. .09 - .09½
bbls. .....lb. .09½- .10
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.58 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03¼- —
l.c.l. .....lb. .04 - —
Asafetida, cs.....lb. .33 - .34
powd., bbls., bxs.....lb. .56 - .57
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons). Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.24.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.17.50 - —
7M, bgs., c.l. (30 tons). Canad. mines..ton.15.00 - —
Asphaltum, Manjak No. 10, crude, tons, f.o.b. plant.....lb. .04½- —
smaller lots, f.o.b. plant, lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant.....lb. .05 - —
smaller lots f.o.b. plant..lb. .06 - —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....tan.36.50 - —
Cuban A, bgs, c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.00 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.32.90 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton.58.00 - —
Jet., bgs., c.l., Western shipping points..ton.20.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N Orleans, refinery...gal. .06 - —
Atropine, bots.....oz. 5.75 - 6.00
Sulphate, bots.....oz. 4.00 - 4.75

B

Balm of Gilead buds, bgs.....lb. .45 - .50
Barberry bark, bgs.....lb. .37 - .39
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton.45.00 -47.00
90% thru 200 mesh, bgs., c.l., works..ton.47.00 -49.00
precip., bgs., c.l., works..ton.47.50 -50.00
l.c.l., works.....ton.52.50 -55.00
bbls., c.l., works.....ton.52.50 -55.00
l.c.l., works.....ton.57.50 -60.00
sulphur-free, bgs., c.l., works, ton.57.50 - —
l.c.l., works.....ton.62.50 - —
Chlorate, kgs.....lb. .25 Nom.
Chloride, CP, cryst., bbls....lb. .25 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line .....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis ton.90.00 - —
bbls., same basis...ton.92.00 - —
Zone 2, bgs., c.l. dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis...ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l. dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis..ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .15
Fluoride, bbls.....lb. .14 - .15
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .05½- .06
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .10½- —
Oxide, ungrd., dms., c.l., works, lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .12 - .16
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis, ton.22.85 - —
l.c.l., same basis.....ton.23.85 - —
ex whse., New York.....ton.31.50 - —
Southern off color, bulk mines, ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.l.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
ungrd., bulk, c.l., ex dock..ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
Bauxite, bulk mines.....ton. 7.00 10.00
Bay leaves (see Laurel leaves)
Bay rum, import., bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls..... .50 - .52
Root, bls.....lb. .62 - .65
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, dms., returnable, works..gal. .20 - —
tankcars, frt. alld. E. of Omaha, gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cans....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .84 - —
dms. .....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns.....lb. 4.15 - 5.50
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. 17.25 -17.50
Hydrochloride, cns.....lb. 17.25 -17.50
Sulphate, cns.....lb. 17.25 -17.50
Berberis root, bls.....lb. .12 - .13
Betanaphthol, sublim., kgs....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fig. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots...lb. 1.45 - —
cns. .....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib. dms.....lb. 1.15 - —
Subcarbonate, bots., cns.....lb. 1.82 - 2.06
fib. dms.....lb. 1.75 - 1.76
X-ray, 5-lb. bots.....lb. 2.02 - —
fib. dms.....lb. 2.96 - —
Subgallate, bots., cns.....lb. 1.77 - 2.06
fib. dms.....lb. 1.68 - 1.71
Subiodide, cns.....lb. 4.01 - —
fib. dms.....lb. 3.96 - —
Subnitrate, powd., bots., cns..lb. 1.57 - 1.88
fib. dms.....lb. 1.48 - 1.51
Bismuth, subsalicylate, 61-66%, bxs..lb. 2.59 - —
bbls., fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 5.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt., alld. E..lb. .17 - —
l.c.l., frt. alld. E.....lb. .17½- —
3 bbls., bgs., c.l., frt. alld. E. lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
4 bbls., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E..lb. .11 - —
l.c.l., frt. alld. E.....lb. .11½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .03075- —
f.o.b. North Atlantic ports, l.c.l., bgs. or cartons, f.o.b. whse..lb. .03950- —
dlvd..lb. .07025- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .07025- —
f.o.b. North Atlantic ports, lb. .02925- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .0380- —
dlvd..lb. .06525- —
bulk, cars, c.l., f.o.b. plants, lb. .06525- —
f.o.b. New York harbor..lb. .02¾- —
All carbon black prices are for delivery in .0363- —
July-September.

Charcoal (see C).

Graphite (see G).

Iron oxide, magnetic, 1, pure, bbls., l.c.l., works..lb. .08¾- —
2, bbls., l.c.l., works.....lb. .08 - —
Ivory, genuine, bbls.....lb. .20 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
3, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
1, ctns., c.l., 3, ctns., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N.Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2 bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .13 - —
3, bbls., c.l., f.o.b. N.Y....lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y...lb. .05½- —
works..lb. .13½- .15¾
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —

Black dyes are listed under Dyes.

Black Haw, root bark, bls....lb. .25 - .26
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .23
Blanc fixe, dry, by-product, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
direct process, bgs., c.l., works, frt. equal..ton.70.00 - —
l.c.l., same basis....ton.75.00 -90.00
pulp, 66⅔%, bbls., c.l., works, ton.85.00 - —
l.c.l., works.....ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.25 - —
high-grade, gr., 16-17 ammon., bulk., f.o.b. Chi., unit-ton. 2.50 - —
Import, bgs., c.i.f. ports, shipt., unit-ton. 2.40 - —
soluble (see Albumen, blood).

Ammonia, Iodide—Brown

Bloodroot, bls.....lb. .11 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner, contracts..lb. .83 - —
open order.....lb. .87 - —
Celestial, bbls.....lb. .10 - .13
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld.....lb. 3.50 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
Potash, dom., bbls., same basis, alkali toner, contracts.lb. .42 - —
open order.....lb. .42 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
soluble, bbls., same basis, alkali toner, contracts.lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —

Blue, ultramarine, blue dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c., higher; 100-lb. kgs., 1c. above bbls., 25-lb. boxes 5c. above bbls.

Blue dyes are listed under Dyes.

Blue mass, USP, cns.....lb. 1.57 - 1.59
powd., cns.....lb. 1.60 - 1.62
Bluestone (see Copper sulphate)
Blue vitriol (see Copper sulphate)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.30.00 -33.00
import, bgs., c.i.f. ports..ton.31.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
import, 100-lbs., bgs., c.i.f. ports, ship..ton.32.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
Steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.28.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.34.50 - —
Boneset leaves, bls.....lb. .08 - .09
Borage flowers, bls.....lb. .35 - .45
Borax, tech., 99½% gran., bulk, c.l., frt. all..ton.40.50 - —
bgs., c.l., frt. alld.....ton.42.00 - —
ton lots, ex whse....ton.54.00 - —
less than ton lots, ex whse..ton.59.00 - —
bbls., c.l., frt. alld....ton.58.00 - —
ton lots, ex whse....ton.64.00 - —
less than ton lots, ex whse..ton.69.00 - —
powd., bgs., c.l., frt. alld. ton.48.00 - —
ton lots, ex whse....ton.59.00 - —
less than ton lots, ex whse..ton.64.00 - —
bbls., c.l., frt. alld..ton.58.00 - —
ton lots, ex whse....ton.69.00 - —
less than ton lots, ex whse..ton.74.00 - —

USP, $15 per ton higher.

Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - —
single pkg., same basis.lb. .30 - —
Bromoform, USP., 100-lb. lots, bots..lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls.....lb. .12 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y..lb. .11½- —
Metallic, iron oxide, bbls., wks., lb. .02½- —
paper bags., c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03½- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis...lb. .11½- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .09 - —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .08¾- —
8, bbls., same basis...lb. .08 - —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis...lb. .07½- —
11, bbls., same basis...lb. .07 - —
12, bbls., same basis...lb. .06½- —
13, bbls., same basis...lb. .06¼- —
14, bbls., same basis...lb. .05¾- —
raw, American, bbls., f.o.b. works..lb. .02½- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12¾- —
2 bbls., same basis...lb. .11¼- —
3, bbls., same basis...lb. .12¾- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .09½- —
6, bbls., same basis...lb. .08¾- —
7, bbls., same basis...lb. .09 - —
8, bbls., same basis...lb. .07½- —
9, bbls., same basis...lb. .07 - —
10, bbls., same basis...lb. .06¾- —
11, bbls., same basis...lb. .05½- —

Brown, Umber—Cyanamide

Brown, umber, American, bbls., works..lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, East on, Pa., N.Y..lb. .04½- —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .05 - —
ex whse., Los Angeles, Portland, San Francisco, Seattle..lb. .05½- —
Boston .....lb. .04½- —
Chicago, Indianapolis, New Orleans..lb. .05 - —
Kansas City.....lb. .05½- —
Portland, San Francisco, Seattle..lb. .04½- —
Minneapolis .....lb. .05½- —
Pittsburgh .....lb. .04¾- —
Vandyke, bbls., l.c.l.....lb. No prices
Walnut crystals, bbls.....lb. .06½- —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .28 - .30
Buchu leaves, bls.....lb. .62 - .65
Buckthorn bark, true, bls.....lb. .45 - .50
cut and sifted, bbls.....lb. No prices
Berries, bgs.....lb. .28 - .30
Burdock root, bls.....lb. .19 - .24
Burgundy pitch, dom., dms....lb. .05½- .06
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., wks., lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
tankwagons, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .07½- —
dms., l.c.l., same terms.lb. .08 - —
tanks, same terms.....lb. .06¼- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbitol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .39 - —
l.c.l. .....lb. .28 - —
Crotonate, normal, 55-gal. dms., dlvd..lb. .35 - —
5-gal. cns.....lb. .75 - —
1-gal. cns.....lb. 1.60 - —
Ether (see under Ether).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .28½- —
Butyric ether, bots.....gal. 6.60 - 6.95
cns, works.....lb. .65 - .70
dms., frt. alld. Met. N. Y...lb. .60 - —
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .03

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Cyanide, 25-lb. bots., dlvd...lb. 3.00 - —
25-lb. cks., dlvd.....lb. 3.50 - —
Iodide, 5-lb. bots.....lb. 4.19 - —
25-lb. cns.....lb. 4.05 - —
Lithopone (see Yellow).
Metal, pat., shapes, cs.....lb. .85 - —
ingots or sticks.....lb. .80 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.60 - —
2,000 lbs. or more.....lb. 2.65 - —
1,000 lbs. or more.....lb. 2.70 - —
100 lbs.....lb. 2.75 - —
25-lb. dms., 10,000 lbs. or more..lb. 2.63 - —
2,000 lbs. or more.....lb. 2.68 - —
1,000 lbs. or more.....lb. 2.72 - —
100 lbs.....lb. 2.83 - —
25 lbs.....lb. 2.95 - —
10-lb. cans, 10,000 lbs., or more..lb. 2.65 - —
2,000 lbs. or more.....lb. 2.70 - —
1,000 lbs. or more.....lb. 2.75 - —
100 lbs.....lb. 2.80 - —
less than 100 lbs.....lb. 3.15 - —
5-lb. cans, 25 lbs. or more..lb. 3.10 - —
less than 25 lbs.....lb. 3.25 - —
Citrated, cans.....lb. 2.00 - 2.30
Hydrobromide, bots.....lb. 5.21 - 5.29
Calabar beans, bgs.....lb. .25 - .30
Calamus root, peeled, N. F., cs. lb. .40 - .45
bleached, bls.....lb. 1.90 - 1.25
Calcium acetate, bgs., dlvd., 100 lbs. 1.90 - —
Arsenate, bgs., c.l.....lb. .06¼- —
l.c.l. .....lb. .06¾- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide, dms., c.l., dlvd.100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse..... 100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dms., 77-88%, dms., c.l., dlvd..lb.20.50 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.63 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.19.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.53 - 2.25
Gluconate, USP, gran., powd., 150-lb. bbls..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fb., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports..ton. No prices
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.i.f., Atlantic ports, shipt...unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., 1 ton.....lb. .22½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. 1.25 - —
Calcium sulphocarbolate, bbls., 200 lbs..lb. .47 - .48
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .60 - .72
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, pound, cs..lb. .95 - .96
slabs, cs.....lb. .85 - .86
tablets, tins.....lb. .90 - .91
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works....lb. .41 - —
USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .61 - —
smaller lots.....lb. .62 - —
tablets, 2,000-lb. lots....lb. .73 - —
1,000-lb. lots.....lb. .74 - —
smaller lots.....lb. .75 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.05
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0330- .0360
Morocco, bgs.....lb. .0350-.0380
Turkish, bgs.....lb. .0330-.0360
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 2.25 - 2.30
powd., bxs.....lb. 2.50 - 2.55
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .20 - .20½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller quantities, works..lb. .85 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., frt., alld..lb. .22½- —
l.c.l., frt. alld.....lb. .23½- —
tanks, frt., alld.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08¾
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W.Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.
Cardamom, bleached, cs.....lb. 1.10 - 1.60
decorticated, cs.....lb. .84 - .85
green, bgs.....lb. .65 - .66
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .14 - .16
Case - hardening mixture, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .13½- .14½
5 tons, works.....lb. .14 - .15
smaller lots, works.....lb. .14½- .15½
80-100 mesh, bgs., c.l.....lb. .14 - .15
5 tons, works.....lb. .14½- .15½
smaller lots, works.....lb. .15 - .16
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .11½- .12½
80-100 mesh, bgs., c.l., duty paid..lb. .12 - .13
French, 30 mesh, bgs., c.l., duty paid..lb. .15 Nom.
New Zealand, 20-30 mesh, c.l., bgs., duty paid..lb. .15 Nom.
Cassia Batavia, No. 1, bls.....lb. .18½- .19
shortstick, bls. .....lb. .13 - .13½
broken, bls.....lb. .11½- .11¾
China, rolls, select, bls.....lb. .09½- .10
broken, extra, bls.....lb. .09¼- .09¾
Saigon, bls.....lb. .15 - .16
Cassia buds, cs.....lb. .13¼- .13½
Cassia fistula, bskts.....lb. .16 - .18
Castile soap, Italian, white, bars, 40-lb. cases..cass.14.00 - —
powd., bbls.....lb. .33 - .36
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor beans, Brazilian, ship't., c&f, N.Y..ton.48.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.16.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .40 - .42
Indian, bgs.....lb. .16¼- .16½
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkg., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkg., works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkg., works.....lb. .46 - —
Acetate-proprinate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt.alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkg., works.....lb. .48 - —
Cellulose, acetate-propionate, low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkg., works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkg., works.....lb. .46 - —
Triacetate, flake, frt. alld....lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .70 - .75
Roman, bls.....lb. 1.25 - 1.30
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.32.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt., ton.32.80 - —
grd., bgs., c.l., dlvd., Ill., (except river point), Minn., Neb., Wis. ton.27.00 - —
Indiana .....ton.28.00 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia.....ton.25.00 - —
Kansas, El Paso, Tex. ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio .....ton.29.80 - —
Penn. .....ton.31.80 - —
Utah .....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .02½- —
l.c.l., bbls., works.....lb. .02¾- —
tanks, works.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works, ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works.ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., cks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, standard, c.l., ctns., works..lb. .32 - —
100 lbs., ctns.....lb. .35 - —
smaller lots.....lb. .38 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N. Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt. equald..100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, com'l, 180-lb. cyls., works..lb. .80 - —
100-lb. cyls., works.....lb. .85 - —
5-25-lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8½%, cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chromic).
Sulphate, pearls, dms., 100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. .75 - .80
20 in., thick, cs.....lb. .75 - .80
20 in., medium, cs.....lb. .75 - .80
USP, broken quill, red, bgs., lb. .23 - .25
yellow, bgs.....lb. .23 - .25
Cinchonidine, crys., small cns., 100 ozs..oz. .86 - —
large, cns.....100 ozs..oz. .90 - —
powd., cns.....100 ozs..oz. .83 - —
Sulphate, N.F., cns.100 ozs..oz. .50 - —
Cinchonidine buyers must pay a surcharge of 4c. per oz., to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchonine, crys., small, cns., 100 ozs..oz. .58 - —
large, cns.....100 ozs..oz. .62 - —
powd., cns.....100 ozs..oz. .54 - —
Sulphate, N.F., cns.100 ozs..oz. .38 - —
Cinchonine buyers must pay a surcharge of 4c. per oz., to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchophen, USP, 25-lb. fib. dms., lb. 3.40 - —
1 and 5-lb. bots.....lb. 3.50 - 3.55
100 lbs., dms.....lb. 3.30 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, f.c.c., chys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .18 - .18¼
3 bls.....lb. .17 - .17½
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars.....lb. .95 - .97
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Amboyna, bgs.....lb. .24½- .25
Madagascar, bls.....lb. .16¼- .16½
Zanzibar, bls.....lb. .16¼- .16½
Clover tops, red, bgs.....lb. .40 - .45
dom., bgs.....lb. .35 - .40
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .80½- —
Carbonate, powd., bgs., works, lb. 1.58 - —
Chloride, kgs., works.....lb. .85 - —
Hydrate, bbls.....lb. 1.98 - —
Linoleate, paste, 5%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1 %, bbls.....lb. .13 - —
2 %, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .39
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter, bulk, c.l., bgs...lb. .1230- .1250
Cocillana bark, bgs.....lb. .30 - .31
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 oz.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08
Colchicine, bots., cns.....oz.20.00 -25.00
Colchicum seed, bgs.....lb. 1.05 Nom.
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
flexible, USP, dms., 325 lbs..lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .55 - .56
Colombo root, bls.....lb. .15 - .16
Coltsfoot leaves, bgs.....lb. .25 - .27
Condurango bark, bgs.....lb. .12 - .15
Conium leaves, bls.....lb. .30 - .32
Copaiba balsam, Para, cns.....lb. .30 - .33
S.A., USP, cns.....lb. .36 - .37
Copper acetate, normal, bbls., dlvd..lb. .22 - —
smaller containers, dlvd..lb. .24 - —
Carbonate, 52-54%, bbls.....lb. .1610- —
Chloride, cryst., bbls.....lb. .16 - —
Cyanide, tech., bbls.....lb. .34 Nom.
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .10¾- .11½
Nitrate, cryst., bbls.....lb. .16¾- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80%, bbls., tons, works..lb. .18 - —
Red, com'l., 80-88%, kgs., f.o.b. N.Y..lb. .19½- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23½- .24½
Sulphate, 99% cryst., bbls., c.l., f.o.b. works..100 lbs. 4.00 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.75 - —
6-15 bbls., same basis, 100 lbs. 4.95 - —
1-5 bbls., same basis, 100 lbs. 5.20 - —
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 9.15 - 9.35
l.c.l., dealers.....100 lbs.10.15 -10.35
Copperas, cryst., grn., bgs., c.l., works..ton.18.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
5-24, works.....100 lbs. 1.65 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0150 Nom.
Coriander seed, Morocco, bgs..lb. .05 - .05½
bleached, bgs.....lb. .08 - .08¼
Corn sugar, tanner's chipped, bgs., c.l., dlvd..100 lbs. 3.29 - —
slabs, bbls., c.l.....100 lbs. 3.21 - —
solid, bbls., c.l.....100 lbs. 3.33 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.32 - —
43°, bbls., c.l.....100 lbs. 3.37 - —
Cornsilk, bls.....lb. .15 - .16
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.39 - —
gran., powd., dms., 50 lbs. or more..lb. 2.24 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed, hull ash, 32-36% pot-ash, bgs., dlvd., unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .10 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .34¼- —
smaller lots, bbls.....lb. .34¾- —
kgs. .....lb. .35¼- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works...gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works..lb. .09¾- —
l.c.l., same basis.....lb. .10¼- —
special resin grade, dms., c.l., works..lb. .08¾- —
l.c.l., same basis.....lb. .09¼- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .42 - .44
powd., cs.....lb. .47 - .48
Culver's root, bls.....lb. .16 - .17
Cumin seed, Morocco, bgs.....lb. .19 - .19½
Cyprus, bgs.....lb. .17½- .18
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04½- —
Cyanamide, 22% N_2, pulv., bgs., dlvd., contracts, N_2..unit-ton. 1.40 - —

Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld. E. of Rockies..lb. .40 - —

D

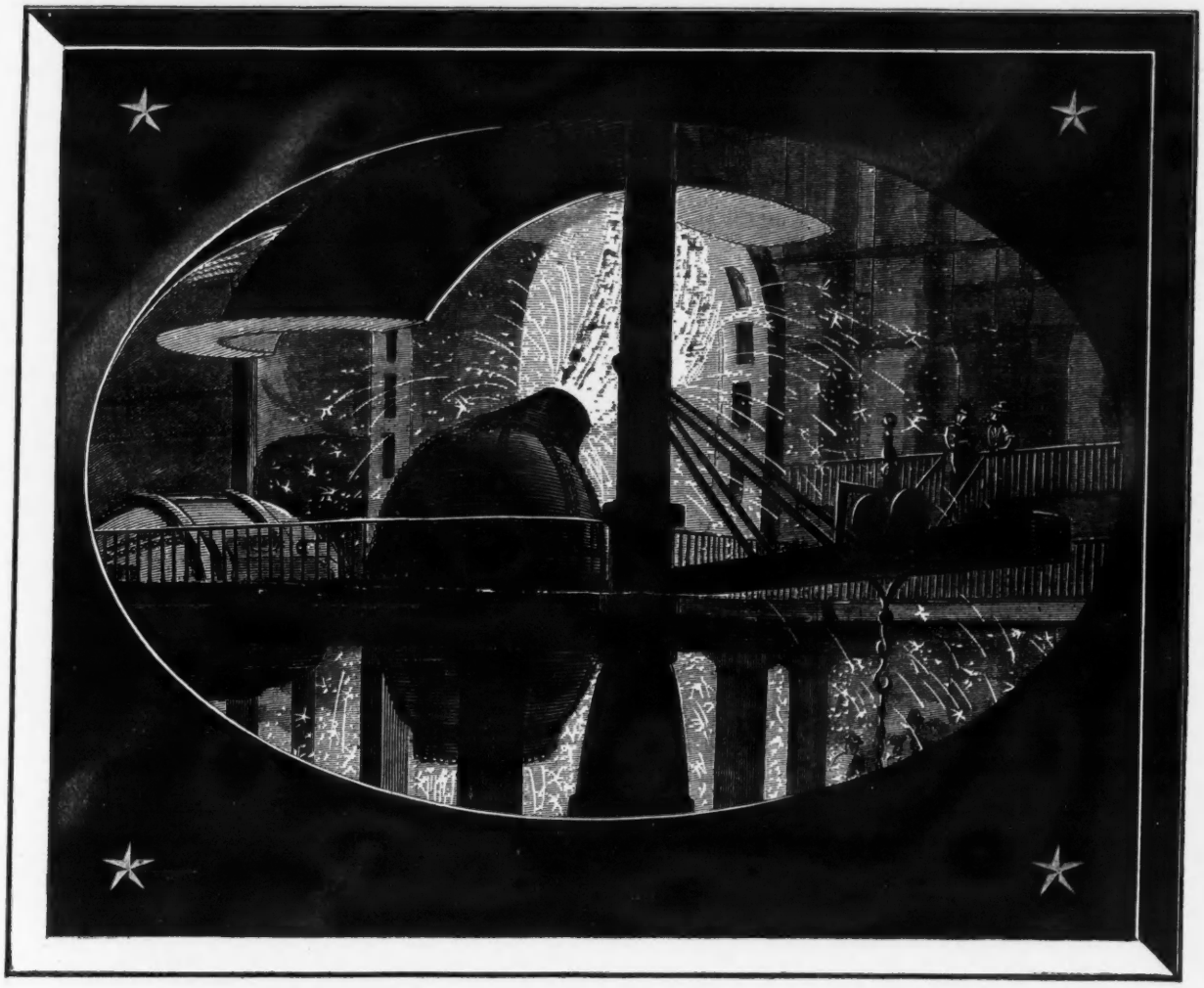
Damiana leaves, bls.....lb. .17 - .24
Dandelion root, German, bls...lb. .50 - .60
Deertongue leaves, bls.....lb. .14 - .15
Degras common, dom., bbls...lb. .08½- .09¼
neutral, dom., bbls.....lb. .13½- .16½
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y., frt. equal'd, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more...lb. .24 - .28
2,000 lbs. to 10,000 lbs.....lb. .26 - .30
1,000 lbs. to 2,000 lbs.....lb. .28 - .32
200 lbs. to 1,000 lbs.....lb. .30 - .34
4% rotenone prices are 6c. per lb. less.

Derris root, powd., contracts give no protection against decline in price. Part deliveries against contracts are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.25
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.05 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.70 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.90 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.85 - —
Potato, import, bgs.....lb. .08½ Nom.
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 10.00 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .80 - —
Diamyl phthalate, dms., c.l., dlvd..lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., l.c.l., Pacific cst., works, ton. 22.00 -35.00
l.c.l., ex whse.....ton. 45.00 -50.00
import, bgs., c.l., c.i.f.....ton. No prices
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .51 - .53
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19¼- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., works.....lb. .50 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0221- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylcarbonate, coml., dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Oxalate, dms., l.c.l., dlvd....lb. .27 - —
Phthalate, dms., c.l., frt. alld., lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .35 - .40
Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .13 - .13½
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls, 80° min., lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
dest., dist., dms.....gal. .45 - .48
tanks .....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 5.00
Dimethylethyl carbinol (see Carbinol).
Doggrass root, cut, N. F., bls.lb. .35 - .40
Dogwood bark, Jamaica, bls., lb. .08 - .10
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1 cns..lb. 13.50 - —
FD&C blue, No. 2, cns.....lb. 13.50 - —
FD&C green, No. 2, cns....lb. 17.50 - —
FD&C green, No. 3, cns....lb. 27.50 - —
Green, FD&C green, No. 1, cns. lb. 13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb. 17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors) for drugs and cosmetics.
Black, D&C black, No. 1, lb. 8.35 - —
Blue, D&C blue, No. 6....lb. 13.50 - —
Brown, D&C brown, No. 1, cns. lb. 12.35 - —
Green, D&C green, No. 5, cns. lb. 12.35 - —
D&C green, No. 6, cns.....lb. 12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4 cns....lb. 15.35 - —
D&C orange, No. 10, cns..lb. 15.85 - —
D&C orange, No. 11, cns...lb. 17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C, red, No. 17.....lb. 8.35 - —
D&C, red, No. 18.....lb. 18.35 - —
D&C red, No. 19, cns.....lb. 15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb. 13.35 - —
D&C red, No. 37, cns.....lb. 12.35 - —
Yellow, D&C yellow, No. 7, cns. lb. 8.35 - —
D&C yellow, No. 3, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb. 10.35 - —
Dyes, coaltar (certified colors) for external use drugs and cosmetics:—
Blue, Ext.D&C blue, No. 1, cns..lb. 12.35 - —
Green, Ext.D&C, green, No. 1, cns..lb. 12.35 - —
Red, Ext.D&C, red, No. 1, cns..lb. 10.35 - —
Ext.D&C, red, No. 3.....lb. 21.85 - —
Ext.D&C, red, No. 8.....lb. 7.85 - —
Ext.D&C, red, No. 10, cns.. lb. 12.35 - —

Cyanide-Chloride Mix.—Dyes

Dyes, coaltar (certified colors) for external use drugs and cosmetics:—
Ext.D&C, red, No. 13, cns.. lb. 12.35 - —
Yellow, Ext.D&C, yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
176 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
Sulphur tan.....lb. .30 - .50
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
408 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10



They Started Something!

WHEN Henry Bessemer and William Siemens devised their processes for the rapid, economical production of steel from pig iron, they gave to steel the impetus it needed to attain its position as one of the most important of all engineering materials. For steel had been known to the early artisans of Damascus and Toledo—yet its high cost had limited its industrial utility. The low-cost production processes that made steel a commercially practicable material immediately increased its usefulness. And the increased demand in turn made possible the financing of further research, which has resulted in the wide range of alloy steels available today. Almost every basic industry makes extensive use of steel—as a raw material or as a vital part of building structures and manufacturing equipment.

Chlorine, too, was known for years before it attained its merited utility. When EBG engineers produced Liquid Chlorine for the first time in America, they made chlorine available in a form in which its properties could be successfully employed commercially. Municipalities throughout the country found in Liquid Chlorine an effective means for safeguarding public health by the purification of water supplies and the sterilization of sewage. And manufacturers of paper and textiles recognized the advantages of Liquid Chlorine as an efficient, economical bleaching agent. Pioneers in the production of Liquid Chlorine, EBG engineers have an unmatched background of experience in its manufacture. *You* can profit by that experience.

The first cylinder of Liquid Chlorine made by EBG in 1909.

EBG Liquid Chlorine

FIRST IN THE COUNTRY

• • •

ELECTRO BLEACHING GAS COMPANY

Main Office: 60 East 42nd Street, New York, N.Y.
Plant: Niagara Falls, N. Y.

Dyes—Gum, Ammoniac

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
448 Benzo purpurin 4B...lb. .40 - .42
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p. e. paste.lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
865 Nigrosin derivatives...lb. .38 - .62
Blue:—
1075 Alizarin astrol base..lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse):—
Black:—
864 Nigrosin .....lb. .38 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —

Dyes, coaltar, for stains, spirit-soluble prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base...lb. .85 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.50 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G...lb. .40 - .52
332 Bismarck Brown R...lb. .40 - .52
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crosein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .53 - —
686 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .18
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .59 - .62
imported .....lb. .50 - .52
Elder flowers, bright, bls.....lb. .50 - .55
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots...oz.24.00 -28.00
Ephedra, bls.....lb. .12 - .13
Ephedrine, tins, 1,000 ozs.....oz. 1.00 - —
tins, 100 ozs.....oz. 1.10 - —
Hydrochloride, tins, 1,000-oz lots..oz. .80 - —
tins, 100-oz. lots.....oz. .90 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. .80 - —
tins, 100-oz. lots.....oz. .90 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l.....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 2.75 - 2.80
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.36.00 - —
Sulphate, bots.....oz.36.00 - —
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .25 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works....lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs.lb. .26 - —
lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .07 - —
l.c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
95-98%, dms., c.l., frt. alld.lb. .07¼- —
l.c.l., frt. alld.....lb. .07¾- —
tanks, frt. alld.....lb. .06¼- —
N.F., 400-lb. dms.....lb. .09½- —
cns., 55 lbs.....lb. .14 - —
Acetoacetate, dms., c.l., wks.lb. .27½- —
l.c.l., dms., works...lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55-gal. dms., dlvd., lb. .35 - —
1-gal. cns.....lb. 1.00 - —
5 and 10-gal. dms., dlvd....lb. .75 - —
Formate, cns., dms.....lb. .25 - .26
Iodide, bots.....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works.lb. .33½- —
5-gal. dms., works.....lb. .37½- .39½
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 6.00 - —
5-lb. lots, cns.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcelluiose, contracts, bgs., c.l., frt. alld..lb. .45 - —
500 lbs. or more, frt. alld., lb. .47 - —
500 lbs. or more, frt. alld.lb. .48 - —
100 to 499 lbs., frt. alld..lb. .50 - —
smaller lots, works.....lb. .55 - —
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0595- —
West of Rockies, same basis..lb. .0644- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0694- —
West of Rockies, same basis..lb. .0743- —
Ethylenegiycol, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15½- .18½
tanks .....lb. .13½- —
Monobutylether, dms., c.l.,works, lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l.,works, lb. .14½- —
l.c.l., works.....lb. .15½- .18½
tanks, works.....lb. .13½- —
Monoethylether, acetate, dms., c.l., works..lb. .11¼- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10¼- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylidinanilin, dms.....lb. .45 - .47¼
Eucalyptol, cns., dms.....lb. .80 - .85
Eucalyptus leaves, bls.....lb. .11 - .12
Eugenol, cns., dms.....lb. 1.75 - 2.00
Euphorbia, bls.....lb. .11 - .12

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons..ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
l.c.l., minimum 2 tons..ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N. C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons.ton.20.00 -22.00
Fennel seed, Indian, bgs.....lb. .13½- .14
French, bgs.....lb. .35 Nom.
German, large, bgs.....lb. .33 Nom
Fenugreek seed, bgs.....lb. .04 - .04½
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .13 - —
smaller lots, works...lb. .14 - —
light, cs., 1,000 lbs. or over, works..lb. .14 - —
smaller lots, works...lb. .15 - —
water white, cs., 1,000 lbs. or over, works..lb. .15 - —
smaller lots, works...lb. .16 - —
Fir balsam, Canada, cns....gal.15.50 -16.00
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .15 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.50 & .10
bgs., f.o.b. Balto...ton.58.00 - —
6-7% ammon., 3% phosphor. acid, bulk, So. Atlantic factories, contracts..... unit-ton. 3.00 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports. July shipt..ton.53.00 - —
spot..ton.53.00 - —
Flake white, dom., bbls.....lb. .06¾- —
kegs .....lb. .10¾- —
Fleaseed, French, black, bgs..lb. .30 - .35
Indian, blonde, bgs.....lb. .10 - .11
Fluorapar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net ton.32.60 - —
washed gravel, 85.5 f.o.b. Ky. and Ill.-Ky. mines..net ton.20.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.20.00 - —
imported, 85.5, duty paid, short ton.25.00 Nom.
Formaldehyde, bbls., c.l., works, lb. .0550- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0615- —
l.c.l., works.....lb. .0565- —
tanks, works.....lb. .04 - —
Fringetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b Fla., Ga. mines..ton.15.00 - —
import., bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .20
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl. dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls....lb. .24 - .25
liquid, bbls.....lb. .10½- .14
solid, dms.....lb. .19 - .21

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .11 - .12
Gas blr, common, cases.....lb. .07 Nom.
plantation, cases.....lb. .10-.10½ Nom.
Cubes, Singapore, cases.lb. .10-.10½ Nom.
extract, bbls.....lb. .09½- .12
Gasoline, at refinery:—
Bayonne, US motor, below 55 octane, tanks..gal. .06- .06¼
65 octane and above, tanks, gal.. .06¾- .07½
California, 54-58, tanks...gal. .05 - .06½
Gulf Coast, U. S. Motor, bulk, gal. .05¼- —
60-62, 390 e.p., bulk, export, gal. .05¼- —
63-67, 375 e.p., bulk, export, gal. .05½- —
70-72, 400 e.p., bulk, export, gal. .06 - —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04½- .04½
63-66 octane, tanks....gal. .04¾- .04½
67-69 octane, tanks....gal. .04¾- .04¾
70-72 octane, tanks....gal. .05 - .05¼
Oklahoma-Texas, Us motor, 62 octane and below, tanks..gal. .03½- .04
third grade, tanks.....gal. .03½- .04
63-66 octane, tanks....gal. .03¾- .04
67-69 octane, tanks....gal. .04 - .04¼
70-72 octane, tanks....gal. .04½- .04¾
natural, 12-lb. v.p., tanks, gal. .01¼- .01¾
14-lb. v.p. tanks.....gal. .01¼- .01¾
18-lb. v.p., tanks.....gal. .01¼- .01¾
22-lb. v.p., tanks.....gal. .02 - —
26-70-lb. v.p., tanks...gal. .01¼- .01½
below 60 octane, tanks..gal. .02 - —
65 octane, tanks.....gal. .04 - —
52-54 450 e.p., naphtha, tanks..gal. .03 - —
gal. .01½- .01¾
14-lb. v.p. tanks.....gal. .01¼- .01½
Gelatine, silver, cs.....lb. .42 - .43
Gelsemium root, bls.....lb. .14 - .15
Gentian root, bls.....lb. .18 - .20
grd., bbls., bxs.....lb. .23 - .25
powd., bbls., bxs.....lb. .24 - .26
Geraniol, cns., dms.....lb. .60 - 3.00
Ginger root, African, bgs.....lb. .07¼- .07½
Cochin, lemon, bgs.....lb. .10¾- .11
Jamaica, bold, bgs.....lb. .10 - .10½
medium, bgs.....lb. .09½- .10
grinding, bright, bgs.....lb. .09¼- .09¾
Japanese, bgs.....lb. .08 - .08¼
Ginseng root, wild Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.10
5 tons or over, works....100 lbs. 1.05 - 1.25
less than 5 tons, works....100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
36/58, bgs., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
38/82, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
82/108, bgs., c.l., dlvd.....lb. .15 - —
l.c.l., dlvd.....lb. .15½- —
58 millipoise, 135 jellygrams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
l.c.l., same basis.....lb. .18 - —
hide, calcimine type, 75/222, bgs., c.l., same basis..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/231, bgs., c.l., same basis, lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283, bgs., c.l., same basis..lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis..lb. .21 - —
l.c.l., same basis.....lb. .22 - —
118/347, bgs., c.l., same basis..lb. .22 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, CP, cns., l.c.l.....lb. .14½- .15
dms, c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.lb. .13 Nom.
l.c.l., same basis.....lb. .14 Nom.
tanks .....lb. .12 Nom.
for refiners, dms., returnable, tanks, dlvd..lb. .08¾- .09
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¾- .08¼
Glycine, medicinal, bbls., tins..lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate, dms.....lb. .26 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots...oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, seed, bgs....lb. .14¼- .14¾
Goldenseal, root, bls.....lb. 3.25 - 3.30
powd., bxs.....lb. 3.60 - 3.65
Grains of paradise, bgs.....lb. .45 - .50
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon., bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, loose.....lb. .03½ Nom.
white .....lb. .04 Nom.
Yellow .....lb. .03½ Nom.
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dars, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
Green, chrome, prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, CP, color content up to 5%, same basis..lb. .06 - —
9 10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis, lb. .07½- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Tetrahydroxide, bbls.....lb. .88 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .16
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .30 - .35
Wood, bls.....lb. .04 - .06
Guaiacol, liq., dms.....lb. 1.65 - 1.67
Carbonate, fib., dms., 25 lbs..lb. 2.40 - 2.74
Guarana powd., cs.....lb. 1.20 - 1.25
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber, sorts, cleaned, bgs..lb. .14 - .15
white, sorts, 1, bgs.....lb. No prices
2, bgs.....lb. No prices
powd., bbls.....lb. .18 - .20
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .18 - .20
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .34 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse, N. Y. or San Fran..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l (30,000 lbs. min.) apply to assorted lots of gums as well as one grading. l.c.l prices are ¼c. higher for 10 bgs or over; ½c. higher for 1-9 bags.
Copal, Congo, 1, water white, bgs., c.l., same basis..lb. .29½- —
2, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —
5, pale straw bold, bgs., c.l., same basis..lb. .22¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .21¼- —
7, pale straw bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis..lb. .13¾- —
10, rescraped hard amber, bold, bgs., c.l., same basis..lb. .13¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .12¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .11¾- —
13, dark sorts bold, bgs., c.l., same basis..lb. .09¼- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .09¼- —
17, pale, fingers, bgs., c.l., same basis..lb. .18¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .19¼- —
19, pale straw nubs, bgs., c.l., same basis..lb. .18¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .13¼- —
21, ordinary selected nubs, c.l., same basis..lb. .12¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .10¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .11¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¾- —

Gum, copal, Congo, 25, No. 2, natural ivory nubs, bgs., c.l., same basis..lb. .09½- —
26, pale small nubs, c.l., same basis..lb. .10⅜- —
27, pale small nubs, bgs., c.l., same basis..lb. .10¼- —
28, pale dust, bgs., c.l., same basis..lb. .06⅜- —
Batu, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .06¼- —
chips, bgs., c.l., same basis..lb. .05½- —
dust, bgs., c.l., same basis..lb. .05¼- —
nubs and chips, bgs., c.l., same basis..lb. .05½- —
black, bold, scraped, bgs., c.l., same basis..lb. .09¼- —
unscraped, bgs., c.l., same basis..lb. .06¼- —
nubs and chips, bgs., c.l., same basis..lb. .06½- —
Hiroe, Macassar, pale bold, bgs., c.l., same basis..lb. .13⅜- —
chips, bgs., c.l., same basis, lb. .07½- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs, bgs., c.l., same basis..lb. .11½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis, lb. .08½- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs, bgs., c.l., same basis, lb. .11 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13⅞- —
light, bskts., c.l., same basis..lb. .15⅜- —
Loba A, bskts., c.l., same basis..lb. .14¼- —
B, bskts., c.l., same basis, lb. .13¾- —
C, bskts., c.l., same basis..lb. .13½- —
CNE, bskts., c.l., same basis..lb. .10¼- —
D, bskts., c.l., same basis, lb. .12⅜- —
DK, bskts., c.l., same basis, lb. .09⅞- —
dust, bskts., c.l., same basis..lb . .06⅞- —
Sambas and white split chips, bskts., c.l., same basis..lb. .15⅝- —
Singapore, dust., bskts., c.l., same basis..lb. .06⅞- —
spirit-soluble, CBB, bskts., basis..lb. .12½- —
DBB, bskts., c.l., same basis, lb. .12⅜- —
MA, bskts., c.l., same basis, lb. .09 - —
MB, bskts., c.l., same basis, lb. .08½- —
WS, bskts., c.l., same basis, lb. .12½- —
A/D, cs., c.l., same basis....lb. .13⅞- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .09⅝- —
chips, pale, bskts., c.l., same basis..lb. .13 - —

Gum, copal, Philippine, pale, small, bskts., c.l., same basis..lb. .11½- —
extra pale sorts, bskts., c.l., same basis..lb. .12½- —
nubs, bskts., c.l., same basis ..lb. .14¼- —
pale, scraped, bskts., c.l., same basis..lb. .15⅝- —
seeds and dust, bskts., c.l., same basis..lb. .08⅜- —
Pontianak, bold, genuine, bgs., same basis..lb. .15⅝- —
mixed, bgs., c.l., same basis, lb. .14¾- —
split, bgs., c.l., same basis, lb. .13¾- —
Chips, bgs., c.l., same basis.lb. .10 - —
nubs, bgs., c.l., same basis, lb. .12¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .21⅝- —
A/C, cs., c.l., same basis...lb. .15⅞- —
A/E, cs., c.l., same basis..lb. .12⅞- —
B, cs., c.l., same basis.....lb. .20¼- —
C, cs., c.l., same basis.....lb. .14⅝- —
D, cs., c.l., same basis.....lb. .13¼- —
dust, cs., c.l., same basis..lb. .07⅝- —
E, cs., c.l., same basis.....lb. .10 - —
F, cs., c.l., same basis.....lb. .08 - —
Singapore, 1, cs., c.l., same basis..lb. .16⅝- —
2, cs. c.l., same basis....lb. .12¼- —
3, cs., c.l., same basis....lb. .07⅛- —
chips, cs., c.l., same basis.lb. .11 - —
dust, cs., c.l., same basis.lb. .07⅛- —
seeds, cs., c.l., same basis.lb. .09⅝- —
Elemi, cns., c.l., same basis as copal..lb. .10½- —
Ester, dms., divd., New England, N. J., eastern N. Y. and Pa., Del. and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs.....lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
divd., Western N.Y. and Pa., Ohio, Mich., In.,., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N.C., 75,000 lbs., contrs. or straight c.l. lb. .06¾- .07
divd. elsewhere, 75,000 lbs., contrs. or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07⅝
Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.50 - 1.60
Gamboge, pipe, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Gualac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l.lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis...lb. .41 - —
2, cs., c.l., same basis...lb. .24 - —
3, cs., c.l., same basis...lb. .17⅜- —
Kino, tins.....lb. 4.00 - 4.50
Locust bean, powd., bbls.....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. 1.15 Nom.
Myrrh, USP, cs.....lb. .55 - .60

Gum, olibanum, siftings, cs...lb. .09 - .10
Tears, cs.....lb. .20 - .35
Opium (see O).
Rosin (see R).
Sandarac, cks., c.l., same basis as copal..lb. .40 - .45
Scammony, cs.....lb. 1.10 - 1.15
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....260 lbs. 15.00 -15.25
Tragacanth, Aleppo, 1, cs...lb. 3.50 - 3.75
2 cs.....lb. 3.35 - 3.60
3 cs.....lb. 2.90 - 3.10
Yacca, bgs.....lb. .03½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 22.45 - —
Medicine Lodge, Kans., frt. equald..ton. 17.00 - —
bgs., c.l., f.o.b. New Brighton, N. Y., frt. equald..ton. 27.65 - —
Southard, Okla., frt. equald..ton. 17.00 - —
Sweetwater, Tex., frt. equald..ton. 21.45 - —
plaster of Paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt equald..ton. 12.50 - —
Acme, Tex., frt. equald.ton. 12.50 - —
Medicine Lodge, Kans., frt. equald..ton. 12.50 - —
New Brighton, N. Y., frt. equald..ton. 13.00 - —
f.o.b. Southard, Okla., frt. equald..ton. 12.50 - —
Sweetwater, Texas, frt. equald..ton. 12.50 - —
stucco, paper bags, c.l., f.o.b. Acme Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.60 - —
Gypsum, terra alba, dom.? paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald.....ton. 12.00 - —
import, bgs., ex dock.....ton. 28.00 Nom.

H

Hawthorn berries, bgs.....lb. .26 - .33
Heliotropin, cryst., cns.....lb. 3.00 - 3.20
Hellebore root, white, powd., bbls. lb. .18 - .19
Helonias root, bls.....lb. .55 - .60
Hematine crystals, bbls.....lb. .20 - .30
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks, works.....lb. .02⅝- —
Hempseed, Manchur, bgs.....lb. .07 - .07¼
Henbane leaves, bls.....lb. .70 - .85
Henna leaves, bls.....lb. .14 - .15
powd., bbls., bxs.....lb. .20 - .21
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l. Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08⅛- —
Normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09¼- —

Gum, Copal—Ipecac Root

Hexaldehyde, normal, dms., l.c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol)
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipments, f.o.b. Perth Amboy or N. Y. C..lb. .33 - —
150 to 1,350 lbs., shipments, same basis..lb. .35 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10¼- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, bots., 25 ozs..oz. 13.00 -13.25
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.25 - 2.40
Hops, N. F., bls.....lb. .20 - .21
Horehound, bls.....lb. .12 - .13
Hydrangea root, bls.....lb. .09 - .09
Hydrastine, bots., 4 ozs.....oz. 20.00 - —
Hydrochloride, bots., 4 ozs..oz. 20.00 - —
Sulphate, bots., 4 ozs.....oz. 21.75 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib, ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03⅜- .04
100 vols., cbys., E. of Miss. River..lb. .29 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz. 50.00 -60.00
Hydrochloride, bots.....oz. 50.00 -60.00
Hyoscyamine, 5 gr., bots....bot. .60 - —
Hydrobromide, 5 gr., bots..bot. .60 - —
Sulphate, 5 gr., bots.....bot. .60 - —
Hypernic, ext. liquid, 51°, bbls., lb. .14 - —

I

Iceland moss, bls.....lb. .18 - .24
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16¼- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb. 32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island..lb. 1.35 - 1.46
resubl., bots., 5 lbs.....lb. 2.25 - —
jars, 50 lbs.....lb. 2.15 - —
tincture, USP, bbls., 47 gals.gal. 2.00 - —
cbys., 5 gals.....gal. 2.05 - 2.10
mild, bbls., 47 gals.....gal. 1.25 - —
cbys., 5 gals.....gal. 1.30 - 1.35
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.45 - 1.50
powd., bxs.....lb. 1.55 - 1.60

Lecithin
(Vegetable)

Now available in either Soya Bean Oil or Cocoa Butter carrier for prompt delivery direct from factory.

For Export, packed in 100-lb. crated steel-strapped cans or 450-lb. open-head drums.

Inquiries for these and other chemicals are invited.

TARTARIC ACID • CREAM OF TARTAR • ROCHELLE SALT
CITRIC ACID • SAPONIN • ACETIC ANHYDRIDE
ETHYLENE DIAMINE • SODIUM PERBORATE

NEUBERG CHEMICAL CORPORATION
441 LEXINGTON AVENUE, NEW YORK CITY • TELEPHONE MURRAY HILL 6-1990

Irish Moss—Lead, White

Irish moss, ordinary, bls.....lb. .15 - .16
powd., 80-90 mesh, bbls..lb. .30 - .32
prime, bleached, bls.....lb. .30 - .32
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lyb. .04 - —
Chloride (ferric), tech., anhydr., 390-lbs. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., works, frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
solut., cbys., works, frt. alld. or equald..lb. .06½- .07
djns.....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 3.18 - 3.32
syrup, djns.....lb. .39 - —
bots. .....lb. .53 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Iron, phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scale, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, 200-lb. bbls.....lb. .35 - —
25-lb. bxs.....lb. .40 - —
100-lb. kgs.....lb. .37 - —
Iron, pyrophosphate, pearls, cns. lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .65 - .75
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .54
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs....lb. .30 - —
fib. dms.....lb. .32½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib. dms.....lb. .32½- —
kgs. .....lb. .25½- —
Isobutylacetate, 55-gal. dms., works..lb. .069 - —
tanks, works.....lb. .059 - —
propionate, dms., works.....lb. .09 - —
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isophorone, dms., works.....lb. .35 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .10½- —
55 gals., c.l., E. of Rockies, frt. alld..lb. .07 - —
55 gals., l.c.l., E. of Rockies, frt. alld..lb. .07½- —
tanks, E. of Rockies, frt. alld..lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., 5 gal., alld....gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gal., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jarborandi leaves, bls.....lb. .11 - .12
Jalap root, NF, bls.....lb. .33 - .38
powd., bbls., bxs.....lb. .36 - .41
resin, lump, 100-lb. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, ordinary, bgs., lb. .20 - .27
hand picked, bgs.....lb. .24 - .36

K

Kamala, tins.....lb. .35 - .36
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0590- .06½
Gulf ports, p.w., bulk.....gal. .07½- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03½- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03½- .04
42-44 w.w., tanks.....gal. .03½- .04¼
Pennsylvania, 45 w.w., tanks, gal. .05 - .05½
46 w.w., tanks.....gal. .05½- .05¾
47 w.w., tanks.....gal. .05¾- .06⅛
Kerosene, tankwagon:—
Atlanta .....gal. .10 - —
Boston .....gal. .0830- —
Chicago .....gal. .10 - —
Cincinnati .....gal. .12 - —
Denver .....gal. .10½- —
Louisville .....gal. .09 - —
Minneapolis .....gal. .104 - —
New Orleans.....gal. .11 - —
New York.....gal. .0820- —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .12 - .18

L

Lady slipper root, bls.....lb. .86 - .97
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 5.75 - 5.85
Middlewestern, trcs....100 lbs. 6.45 - 6.55
Neutral, trcs.....100 lb. 7.00 - 7.50
Western, choice, trcs..100 lbs. 6.50 - 6.60
Compound, trcs.....100 lbs. 9.00 - 9.25
Larkspur seed, bgs.....lb. 1.30 Nom.
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .09 Nom.
Turkish, bls.....lb. .09½- .10
Lavender flowers, ordinary, bls.lb. .45 - .50
medium, bls.....lb. .50 - .55
select, bls.....lb. .60 - .65
Lead acetate, white, broken, bbls. lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l.....lb. .08½- —
l.c.l., bgs., c.l.....lb. .09 - —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd. E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .40 - —
Iodide, NF V, powd., 5-lb. bots..lb. 2.66 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms.lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lbs. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
other points.....lb. .0746- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and and Wash..lb. .08¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. .....lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08¾- —
other points.....lb. .08 - —
smaller lots, Ala., etc. lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0765- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08¼- —
l.c.l., smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
in oil, 95% min., 100-lb. kgs., lb. .12½- —
Resinate, fused 15%, bbls....lb. .09¼- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Titanate, bbls., c.l., (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10½- —
Pac. Cst., ex whse...lb. .10¼- —
smaller lots, E. frt. alld., lb. .10½- —
Pac. Cst., ex whse...lb. .10½- —
White, dry, basic, carbonate, bbls., c.l., dlvd., Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex. Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07¼- —
other points.....lb. .07¼- —

DRIERS

For dependable and efficient drying of every type paint, varnish, enamel or printing ink . . .

Cobalt, Lead, Manganese, Aluminum, Calcium, and Zinc: Uversols (naphthenates), linoleates, oleates, pastes, resinates, stearates, soyates, and laurates.

PIGMENTS

Harshaw pigments are stable, inorganic chemical compounds . . . These colors, produced by special processes, are unusually clean and brilliant and exceptionally fast to light . . .

Chrome Yellows, Molybdated Orange, Chrome Oxide Greens, Guignet's Green, Cadmium Sulphides, Cadmium Lithopones, Cobalt Blues and Cobalt Violet.

THE HARSHAW CHEMICAL CO.

Offices and Laboratories: Cleveland, Ohio
Quality Products since 1892
New York, Philadelphia, Chicago, Detroit, Pittsburgh, Cincinnati, East Liverpool, Los Angeles, San Francisco
Works at Cleveland and Elyria, Ohio and Philadelphia, Pa.

Lead, white, dry, basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¾- —
l.c.l., dlvd., Ariz., etc. lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers, lb. .12¾- —
dealers .....lb. .10¾- —
painters .....lb. .11¾- —

Consumers' price and painters' price are ½c lower on orders of 500 lbs. or more.

Lecithin, 100%, cns., f.o.b., N.Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .53½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis...lb. .40 - —

Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms., prices are 1c. per lb. less.

Lemon peel, bis.....lb. .13 - .15

Licorice extract, mass, cs.....lb. No prices
powd., bbls.....lb. No prices
root, cuttings, bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .11 - .12
select, bdls., cs.....lb. .30 - .32

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
San Francisco, Cal..ton.15.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —

Lime salts (see Calcium).

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks. gal. .08½- —
30-50 dms.....gal. .11 - .16
Zone 3, tanks, dealers, dlvd. gal. .07½- —
30-50 dms.....gal. .10½- .14½
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers....gal. .07½- —
30-50 dms.....gal. .10 - .14

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1: includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States, Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minns., Mo., and Tenn. west of Tenn. River; Penn., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns.....lb. 1.75 - 3.00
Linden flowers, with leaves, bls.lb. .43 - .46
without leaves, bls.....lb. .40 - .43

Lead, White—Manganese, Diox.

Linseed cake, bgs, export....ton.21.00 -22.00
meal, 34%, bgs.....ton.24.50 - —
Litharge, com'l, powd., bbls., 20-tons, dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Other points.....lb. .0640- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore., and Wash..lb. .07¾- —
Colo., Mont., N. Mex., Wyo..lb. .07½- —
Other points.....lb. .07 - —
smaller lots, dlvd., Ala..lb. .07¾- —
Ariz., etc.....lb. .08¼- —
Colo., etc.....lb. .08 - —
Other points.....lb. .07½- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb. bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.... ....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Lithopone, titanated (high-strength), bgs., c.l., (20 tons)..lb. .05 - —
smaller lots.....lb. .05¼- —
bbls., c.l. (20 tons).....lb. .05¼- —
smaller lots.....lb. .05½- —
ordinary, bgs., c.l. (20 tons)..lb. .0360- —
smaller lots.....lb. .0385- —
bbls., c.l. (20 tons).....lb. .0385- —
smaller lots.....lb. .04¼- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .50 - .51
Lobelia, herb, bls.....lb. .13 - .14
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .20 - .24
liquid, 51°, bbls.....lb. .10½- .12½
solid, bxs.....lb. .16½- .20½
Lovage root, dms., bls.....lb. .45 - .50
imported, bls.....lb. .45 Nom.
Lupulin, N. E., tins.....lb. 1.65 - 1.70
Lycopodium, cs.....lb. 4.75 - 5.00

M

Mace, Banda, cs.....lb. .54 - .55
Batavia, cs.....lb. .30½- .31
Siauw, cs.....lb. .36 - .40
West Indian, cs.....lb. .36 - .41
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., U.S.P., bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls. .....lb. .08¼- —
kgs. .....lb. .09½- —
U.S.P., Zone 1, c.l., bgs....lb. .08 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls. .....lb. .09½- —
kgs. .....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .08 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .08¾- —
bbls. .....lb. .09½- —
kgs. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., c.l., shipments, full fr't alld, up to, but not exceeding, 25c. per 100 lbs., actually paid by customers. On l.c.l. shipments, fr't alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U. S.; prices f.o.b. Plymouth Meeting Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., tons.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .11 - .11¼
Stearate, bbls., ctns., c.l.....lb. .23 - —
1 ton.....lb. .24 - —
1,000-2,000 lbs.....lb. .25 - —
smaller lots.....lb. .26 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .50 - —
smaller lots, dms.....lb. .55 - —
Magnesite, cal., dom., bgs...ton.60.00 -65.00
Imports, bgs., duty paid...ton. No prices
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Washr..ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lb.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots.....lb. .55 - —
5-lb. cns.....lb. .73 - —
Malva flowers, black, bls.....lb. .60 - .65
blue, bls.....lb. .60 - .65
Leaves, bls.....lb. .24 - .25
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .12 - .13
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .08½ Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton.69.00 - —
5-15 tons, works.....ton.72.00 - —
½ 4 tons, works....ton.77.00 - —..
Caucasian, 85-90%, bbls., c.l., works..ton.66.50 - —
l.c.l., 5 tons, works....ton.69.50 - —
smaller lots, works..ton.74.50 - —
burlap bgs., c.l., works.ton.64.25 - —
l.c.l., 5 tons, works..ton.67.25 - —
smaller lots, works.ton.72.25 - —
paper bgs., c.l., works.ton.62.50 - —
l.c.l., 5 tons, works..ton.65.50 - —

MARINE MAGNESIUM PRODUCTS CORPORATION

formerly

MARINE CHEMICALS COMPANY

ORIGINAL PRODUCERS OF

MAGNESIUM SALTS

DIRECTLY FROM

SEA WATER

"MARINCO"

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HYDROXIDES
OXIDES

(U.S.P. technical and special grades)

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O-I MARKETING MEN: report just what the final consumer wants in your *Salespackage*.

O-I RESEARCH DESIGNERS: mesh consumer preference with protection in your *Salespackages*.

O-I PRODUCTION MEN: devise dollar-saving short cuts in filling, cartoning and shipping.

Manganese, glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.80 - —
smaller lots.....lb. 3.00 - —
cns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 6 lbs.....lb. 5.55 - —
jars, 25 lbs.....lb. 5.70 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports, duty paid..unit-ton. .71 - .73
Resinate, fused, 3½%, bbls...lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd.....ton lots, lots, works..lb. .09 - .09½
single bbls., works....lb. .09¼- .09¾
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd., South..ton.57.00 - —
l.c.l., bgs.....ton.65.00 -75.00
Mangrove bark, bgs., shipt...ton.35.00 - —
Manna flake, large, cs.....lb. .95 - 1.55
small, cs.....lb. .80 - 1.25
Mannitol, com'l grade, bbls., ton lots, works..lb. .38 - —
smaller lots, works.....lb. .45 - —
reagent grade, 50 lb. cs., or multiples, works..lb. .90 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .28 - .29
Tunisan, bls.....lb. .26 Nom
Chilean, bls.....lb. .18 - .18½
Matico leaves, bls.....lb. .25 - .26
Menthol, USP, natural, cs.....lb. 3.55 - 3.65
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 5.25 - —
liquid, dms.. 50 lbs.....lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.40 - —
25 lbs.....lb. 1.46 - —
50%, pails, 50 lbs.....lb. 2.09 - —
25 lbs.....lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 3.02 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.91 - —
Chloride (see Calomel).
Cyanide, cryst.....lb. 4.00 - 4.05
powd.....lb. 4.05 - 4.10
Iodide, red, NF, 5-lb. bots...lb. 4.71 - —
100-lb. fib. dms.....lb. 4.60 - —
yellow, 5-lb. bots.....lb. 4.81 - —
fib. dms., 100 lbs.....lb. 4.70 - 4.75
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate), tech. (see Red, mercury oxide).
yellow, dom., tech., bbls...lb. 2.96 - —
USP, fib. dms., 50 lbs. or more..lb. 3.84 - —
Mercury and chalk, 5-lb. ctns..lb. 1.98 - —
25-lb. fib. dms.....lb. 1.80 - —
Mesityl oxide, cns., works.....lb. .20½- —
dms., c.l., dlvd.....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
tanks, dlvd.....lb. .15 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5¼ in.....pkg.22.50 -23.00
3¼x5¼ in.....pkg.24.50 -25.00
silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls.....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, producer group A, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .30 - —
95%, tanks.....gal. .29 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

natural, producer group B, pure, tanks, frt. alld. Zone 1, gal. .30 - —
Zone 2.....gal. .32 - —
Zone 3.....gal. .34 - —
Zone 4.....gal. .34½- —
dms., c.l., Zone 1...gal. .35½- —
Zone 2.....gal. .37½- —
Zone 3.....gal. .39½- —
Zone 4.....gal. .41½- —
dms., l.c.l., Zone 1...gal. .38 - —
Zone 2.....gal. .45 - —
Zone 3.....gal. .42 - —
Zone 4.....gal. .53½- —

95%, frt. alld., prices 2c. less than pure, all zones.
97%, frt. alld., prices 1c. less than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37½- —
3, frt. alld.....gal. .39½- —
4, frt. alld.....gal. .41½- —

Methanol, synth., pure, dms., l.c.l., Zone 1, frt. alld. or dlvd..gal. .38 - —
2, frt. alld. or dlvd..gal. .45½- —
3, dlvd., S. F. and L. A., gal. .42 - —
4, frt. alld. or dlvd..gal. .53½- —
tanks, Zone 1, frt. alld...gal. .30 - —
2, frt. alld.....gal. .32 - —
3, frt. alld.....gal. .34 - —
4, frt. alld.....gal. .34½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R., lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd., E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
tanks, dlvd., E. of Miss. R., lb. .06 - —
W. of Miss. R.....lb. .07 - —

Methyl, acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, group A producers, E. of Rockies, frt. alld., tanks..gal. .32 - —
dms., c.l., same basis, gal. .37½- —
l.c.l., same basis...gal. .40½- —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Acetone, natural, group B producers, tanks, Zone 1..gal. .32 - —
Zone 2.....gal. .34 - —
Zone 3.....gal. .36 - —
Zone 4.....gal. .36½- —
dms., c.l., Zone 1.....gal. .37½- —
Zone 2.....gal. .39½- —
Zone 3.....gal. .41½- —
Zone 4.....gal. .43½- —
l.c.l., Zone 1.....gal. .40 - —
Zone 2.....gal. .47½- —
Zone 3.....gal. .44 - —
Zone 4.....gal. .55½- —

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wisc. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Acetone, synthetic, tanks, zone 1..gal. .34 - —
Zone 2.....gal. .42 - —
Zone 3.....gal. .45½- —
dms., c.l., zone 1.....gal. .36 - —
Zone 2.....gal. .44 - —
Zone 3.....gal. .48 - —
l.c.l., zone 1.....gal. .37 - —
Zone 2.....gal. .45½- —
Zone 3.....gal. .48½- —
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.20 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Bromide, cyl.....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 4.25 - 5.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd....lb. .80 - —
Iodide, bots.....lb. 3.68 - 3.82
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Violet toner, bbls.....lb. .88 - —
permanent, bbls.....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 100 lbs. or more, frt. alld..lb. .70 - —
less than 100 lbs., works..lb. .75 - —
Methylcyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Methylcyclohexanol, 98-100%, dms., works, frt. alld. E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.28.00 -44.00
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .70 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp., bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l.lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh., containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
Mica, dry grd., amber, No. 1 quality, bgs. extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works.ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
refined, bgs., extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs. extra and returnable, c.l., works, ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works..lb. .03 - —
roofing, bgs. extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
rubber, bgs., c.l., frt. alld. E. lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04⅞- —
rubber, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04¾- —

wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls., c.l., lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16 - —
Millet seed, yellow, bgs.....lb. .02¾- —
early fortune, bgs.....lb. .02½- .06
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinners and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .07 - —
f.o.b. Gulf ports.....gal. .06½- —
Molybdate orange (see Orange, molybdate).
Molydenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Molybdenum, trioxide, pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works.....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., wks., lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100% amine content, dms., l.c.l., works, lb. .65 - —
Monoethylanilin, dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein leaves, cns.....lb. .12 - .14
flowers, cns.....lb. 1.30 - 1.35
Musk, nat., Tonquin, grained, bots..oz.16.00 -17.00
pods, caddies, 20 ozs.....oz.12.50 -13.50
synth., ambrette, cns., 100 lbs. or more..lb. 3.65 - —
5 lbs. to 75 lbs.....lb. 3.85 - —
1 lb.....lb. 3.95 - —
ketone, cns., 100 lbs. or more, lb. 3.70 - —
5 lbs. to 75 lbs.....lb. 3.95 - —
1 lb.....lb. 4.10 - —
xylol, cns., 100 lbs. or more, lb. 1.05 - —
5 lbs. to 75 lbs.....lb. 1.15 - —
1 lb.....lb. 1.20 - —
Musk root, bls.....lb. .50 - .60
Mustard seed, California, brown, bgs..lb. .09½- .10
yellow, bgs.....lb. .11½- .12
Danish, yellow, bgs.....lb. .17½- .18
Dutch, yellow, bgs.....lb. .14½- .15
English, yellow, bgs.....lb. No stocks
Roumanian, yellow, bgs....lb. .11½- .12
Turkish, yellow, bgs.....lb. .17½- .18
Myrobalans, J1, bgs., f.a.s...ton.40.00 - —
J2, bgs., f.a.s.....ton.34.00 - —
Extract, liquid, 25%, bbls...lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works..100 lbs. 2.25 Nom.
bbls., c.l., works....100 lbs. 2.50 Nom.
78 deg., bgs.. c.l., works, 100 lbs. 2.50 Nom.
l.c.l., works.....100 lbs. 2.75 Nom.
import, bgs., c.i.f.....100 lbs. No price
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07 - —
50-lb. cs., same basis...lb. .07¼- —
pkgs. (16 oz.), same basis, lb. .07¾- —
(12 oz.), same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07 - —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100-lb. dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works,frt. alld..lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., works. lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester soluble, 30-35 cps., ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., cps., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
ester-soluble, 5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable

Nitroethane, l.c.l., dms., works. lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2158- —

Manganese Glycero.—Oil, Fennel

Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 1.75 - —
f.o.b. Chemical, Ill., unit-ton. 1.75 - —
East Coast producing points..unit-ton. 2.20 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.20 - —
Nitromethane, l.c.l., dms., works, lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works, lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Aleppo, bgs., cs....lb. .29 - .32
Chinese .....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .21 - .22
110s, bgs., cs.....lb. .19 - .20
West Indian, bgs.....lb. .08½- .09
Nux vomica, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .08 - .09

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .06¼- —
l.c.l., bbls., works.....lb. .08¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octane, 100-140° C., mixed, dms., c.l., G.3..gal. .12¼- —
lc.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .16¼- —
Octyl acetate, dms., c.l. works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns....lb. .70 - .75
Amber, crude, cns.....lb. .22 - .23
ref'd, cns.....lb. .75 - .80
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.80.00 -85.00
seed, bots.....lb.48.00 -53.00
Aniiin (see A).
Anise, USP, ons., dms.....lb. .72 - .75
Apricot, kernels, cns.....lb. .38 - .39
Babassu, tanks.....lb. .06 Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.10 - 1.15
55-60% phenols, cns.....lb. 1.20 - 1.25
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 8.50 Nom.
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .25 - .26
rectified, cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.60 - 1.65
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .60 - .67
USP. IX, cns.....lb. .62 - .73
Calamus, cns.....lb. 3.25 - 3.50
Camphor, sassafrassy cns....lb. .31 - .32
dms. .....lb. .28 - .29
white, cns.....lb. .35 - .37
dms. .....lb. .32 - .33
Cananga, native, cns.....lb. 1.60 - 1.65
rectified, cns.....lb. 2.00 - 2.25
Capsicum (oleoresin) N. F. VI, cns..lb. 2.50 - 2.75
Caraway, USP, cns.....lb. 5.00 Nom.
Cardamon, bots.....lb.15.00 -16.00
Cassia, USP, cs., dms.....lb. 1.25 - 1.30
Castor, blown, one-way dms., c.l..lb. .13¾ Nom.
l. c.l.....lb. .14½- —
cold pressed, USP, bbls., c.l., lb. .12¼- —
l.c.l. .....lb. .13 - —
cns. (1-gal), l.c.l.....lb. .16 - —
dms. (returnable), c.l....lb. .12 - —
l.c.l. .....lb. .12¾- —
(5-gal.), l.c.l.....lb. .14 - —
tanks .....lb. .11½- —
dehydrated, dms., c.l.....lb. .1460- —
l.c.l. .....lb. .15 - —
tanks .....lb. .14 - —
extracted No. 3, tech. bbls., c.l..lb. .11¾- —
l.c.l. .....lb. .12¼- —
dms. (returnable), c.l.....lb. .11½- —
l.c.l. .....lb. .12¾- —
tanks .....lb. .11 - —
sulphonated, 50% (43% fat). dms., c.l..lb. .08½- —
l.c.l. .....lb. .09½- —
75% (63% fat) dms., c.l...lb. .11 - —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12¼- —

Castor oil, USP, and No. 3, prices are dlvd. all points between N.Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums, ¼c. higher, all points.

Cedarleaf, cs.....lb. .80 - .85
dms. .....lb. .75 - .80
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .19 - .22
Celery, bots.....lb. 9.50 -10.00
Chaulmoogra, USP, cns.....lb. .72½- —
Chinawood, dms.....lb. .25½- .26
tanks .....lb. .24½- .25
Cinnamon, Ceylon, bots.....lb. 9.25 -27.00
Seychelle, bots.....lb. 7.25 - 8.00
Citronella, Ceylon, cns.....lb. .39 - .40
dms. .....lb. .37 - .38
Java, cns., dms.....lb. .35 - .36
Clove, makers, USP, cns....lb. 1.20 - 1.25
dms. .....lb. 1.15 - 1.20
Coconut, Manila, crude, tanks, lb. .02⅞- .03
edible, 76°, dms. (returnable), c.l..lb. .07¾- —
l.c.l. .....lb. .08¼- —
tanks .....lb. .07 - —
Cod, Norwegian, shipt., bbls., gal. No prices
Codliver, med., USP, bbls..bbl.65.00 -70.00
Coriander, bots.....lb.13.00 -15.00
Corn, crude, tanks, wks....lb. .05½- .05¾
refd., bbls.....lb. .05¾- .06¼
Cottonseed, cooking, bbls....lb. .08¾- —
salad, bbls.....lb. .09 - —
import, Brazilian, semi-refd., bulk..lb. No prices
Creosote (see C).
Croton, N.F., cns.....lb. 2.50 - 2.75
Cubeb, USP, cns.....lb. 3.50 - 3.75
Crude (see Petroleum, crude)
Cumin, bots.....lb. 6.50 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.50
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk....bbl. 1.80 - 1.95
California, 24 plus, bulk bbl. 1.55 -
Dill seed, bots.....lb. 4.50 - 5.00
weed, bots.....lb. 5.50 - 6.00
Dip (see L).
Erigeron, cns.....lb. 2.25 - 2.30
Eucalyptus, cns.....lb. .70 - .72
dms. .....lb. .68 - .70
Fennel, sweet, cns.....lb. 1.90 - 2.00

Oil, Fuel—Oil, Tall

Oil, fuel, bunker, California, tide-water	bbl.	.65	- .75
Gulf Coast, at terminal	bbl.	.80	- —
Louisiana, Arkansas, 10-14.	bbl.	.85	- 1.00
N. Y. and N. J. terminals:—			
Monday	bbl.	1.35	- —
Tuesday	bbl.	1.35	- —
Wednesday	bbl.	1.35	- —
Thursday	bbl.	1.35	- —
Friday	bbl.	1.35	- —
Saturday	bbl.	1.35	- —
North Texas, 18-22	bbl.	.75	- .85
24-28, zero cold test	bbl.	1.00	- 1.10
Oklahoma, 18-22	bbl.	.75	- .85
24-28, zero cold test	bbl.	1.00	- 1.05
24-28, 15 and above	bbl.	.80	- .85
Pennsylvania, 36-40	gal.	.04	- —
Furnace, Bayonne, 1, bulk, refinery	gal.	.0590-	.06½
2, bulk, same basis	gal.	.0440-	.05
4, bulk, same basis	gal.	.0540-	.0560
Louisiana - Arkansas, 23-36, light straw	gal.	.03½-	.03¾
Oklahoma, 28-30	gal.	.03	- —
32-36	gal.	.03¼-	.03¾
36-38	gal.	.03¾-	.03¾
38-40 zero, 60 e.p.	gal.	.03¾-	—
Fusel (see F).			
Gas, Bayonne, bulk	gal.	.0540-	.0560
Gulf Coast, bulk	gal.	.03½-	—
North Texas, bulk	gal.	.02¾-	.02¾
Oklahoma, bulk	gal.	.02¾-	.02¾
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.,	lb.	3.75	- 4.00
Bourbon, cns.	lb.	3.50	- 3.75
Turkish (see Palmarosa).			
Grapefruit, cns.		1.57	- 1.60
Oil, grapeseed, dms.	lb.	.40	- .45
Ginger, dist., bots.	lb.	4.10	- 4.25
Guaiac wood, concrete, bots.	lb.	2.80	- 2.85
Haarlem, imported, bots., gross.		No prices	
Hemlock, cns.	lb.	.65	- .70
Juniper berry, USP, cns.	lb.	4.00	- 4.50
wood, tech., cns.	lb.	.45	-
Juniper tar, USP XI, cns.	lb.	.40	- .45
Lard, common, 1, bbls.	lb.	.07¼-	—
2, bbls.	lb.	.07⅛-	—
extra, bbls.	lb.	.07⅜-	—
1, bbls.	lb.	.07½-	—
winter, strained, bbls.	lb.	.08	- —
prime, burning, bbls.	lb.	.08¾-	—
prime, lned., bbls.	lb.	.08¼-	—
Laurel, bots.	lb.	4.50	4.60
Lavandin, cns., 25 lbs.	lb.	3.25	- 3.50
Lavender flower, French, 50% ester, cns.	lb.	6.00	- 6.25
38-42% ester, cns.	lb.	4.25	- 4.50
35-38% ester, cns.	lb.	3.75	- 4.00
30-32% ester, cns.	lb.	3.50	- 3.75
garden, cns.	lb.	.42	- .45
spike, Spanish, tech., cns.	lb.	1.20	- 1.85
dms.	lb.	1.15	- 1.70
Lemon, Calif., cns.	lb.	3.25	- —
Messina, coppers, cns.	lb.	4.75	Nom.
Terpeneless, Type 1	lb.	10.50	-16.50
Type 2	lb.	8.35	-14.50
Lemongrass, native, cns., dms.	lb.	.70	- .73
Lime, dist., cns.	lb.	5.00	- 5.50
expressed, cns.	lb.	7.50	- 7.75
Terpeneless, Type 1	lb.	70.00	-78.00
Type 2	lb.	42.00	-46.50
Linaloe wood, cns.	lb.	1.30	- 1.35
Linseed, raw, dms., c.l.	lb.	.0900-	.0920
l.c.l., 10 to 69	lb.	.0940-	.0960
5 to 9	lb.	.0960-	.0980
less than 5	lb.	.0980-	.1000
tanks	lb.	.0840-	.0860

Boiled linseed oil .004 cents over raw.

Oil, lovage, bots.	lb.	41.25	-60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.	gal.	.20	- —
140 vis., dms.	gal.	.25	- —
green, pale, 750, 900 vis., dms.	gal.	.26	- —
200, 300, 350, 400, 450, 500, 600, 700 vis., dms.	gal.	.28	- —
Oklahoma, bright stocks, 100-110 D. color 4, 0-10 pour, tanks.	gal.	.18	- —
15-25 pour, tanks.	gal.	.19	- —
150-160 D, color 4, 0-10 pour, tanks.	gal.	.19	- —
15-25 pour, tanks.	gal.	.17	- —
150-160 E, color 5½, 15-25 pour, tanks.	gal.	.17	- —
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.14	- —
neutrals, 0-10 pour, 150 vis., 3 colors, tank.	gal.	.08	- —
180 vis., 5 color, tanks,	gal.	.10½-	—
4 color, tanks.	gal.	.10½-	—
200 vis., 3 color, tanks,	gal.	.12	- —
4 color, tanks.	gal.	.11½-	—
250 vis., 3 color, tanks,	gal.	.14	- —
4 color, tanks.	gal.	.14	- —
280 vis., 3 color, tanks.	gal.	.15	- —
4 color, tanks.	gal.	.13½-	—

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Oil, lubricating, at refinery, Pennsylvania, bright stocks, 8 color, 140-150 vis., 545-550 flash, 10 pour, tanks.	gal.	.18½-	—
15 pour, tanks.	gal.	.17½-	—
25 pour, tanks.	gal.	.14	- .16
cylinder oil, 600 flash, tanks.	gal.	.12	- .13
630 flash, tanks.	gal.	.14	- .15
600 steam refined, tanks,	gal.	.09	- .10
650 steam refined, tanks,	gal.	.11	- .12
Neutrals, 150 vis., 70°F., 3 color, 400-405 flash, zero pour, tanks.	gal.	.22½-	—
10 pour, tanks.	gal.	.21½-	—
15 pour, tanks.	gal.	.20½-	—
25 pour, tanks.	gal.	.19	- .20
200 vis., 70°F., 3 color, 420-422 flash, zero pour, tanks.	gal.	.24½-	—
10 pour, tanks.	gal.	.23½-	—
15 pour, tanks.	gal.	.22½-	—
25 pour, tanks.	gal.	.21	- .22
Mace, dist., cns., dms.	lb.	2.60	- 2.70
Mandarin, superior, coppers.	lb.	10.00	-11.00
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.35	Nom.
refd., alkali, dms.	lb.	.0730-	—
tanks	lb.	.0670-	—
blown, dms.	lb.	.0750-	—
kettle-bodied, dms.	lb.	.0850-	—
light-pressed, dms.	lb.	.0670-	—
tanks	lb.	.0610-	—
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP, bots., cns.,	lb.	1.60	- 1.70
dist., natural, bots.	lb.	8.50	- 9.00
Neatsfoot, 20° cold test, bbls.,	lb.	.16¾-	—
extra, bbls.	lb.	.07¾-	—
1, bbls.	lb.	.07½-	—
prime, bbls.	lb.	.08	- —
pure, bbls.	lb.	.11¾-	—
sulphonated, common, 25% moisture, dms.	lb.	.10½-	—
Neroli, bots.	lb.	200.00	-325.00
Nutmeg, USP, cns., dms.	lb.	2.60	- 2.70
Oleo, 1, bbls.	lb.	.07½-	—
2, bbls.	lb.	.07¼-	—
Oiticica, dms.	lb.	.17½-	.18½
Olibanum, bots.	lb.	5.00	- 5.25
Olive, denat., dms.	gal.	1.35	- 1.45
edible, dms.	gal.	2.25	Nom.
foots, dms.	lb.	.08¾-	.09
sulphonated, 50%, (42% fat), dms., c.l.	lb.	.09½-	—
l.c.l.	lb.	.10½-	—
75% (63% fat), dms., c.l.	lb.	.12½-	—
l.c.l.	lb.	.13½-	—
80% (68% fat), dms., c.l.	lb.	.127	- —
l.c.l.	lb.	.137	- —
Orange, sweet, dist., cs.	lb.	.90	- —
expressed, African, cns., dms.,	lb.	1.10	- 1.15
Calif., cns.	lb.	2.00	- —
Florida, cns.	lb.	1.15	- 1.20
Messina, USP, coppers.	lb.	8.00	Nom.
West Indies, cns.	lb.	2.00	- 2.10
terpeneless	lb.	42.00	-50.00
Origanum, cns.	lb.	1.80	- —
Orris, Florentine, concrete, extra strong, bots.	oz.	5.50	- 6.00
Palm, Niger, dms.	lb.	.04½-	—
shipment	lb.	.03¾-	—
softs, 12½%, bulk, shipt.	lb.	.02½-	—
Sumatra, shipt., bulk.	lb.	.02½-	—
Palmarosa, cns.	lb.	2.25	- 2.50
Palmkernel, bulk, shipt.	lb.	No prices	
Paraffin, 320° flash, 60-70 vis., tanks, G S.	gal.	.05¼-	—
350° flash, 70-80 vis., tanks, G. S.	gal.	.05¼-	—
80-85 vis., bbls., extra, Ind. refy.	gal.	.12	- —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14	- —
366° flash, 100-110 vis., tanks, G. S.	gal.	.05¾-	—
Patchouli, bots., cns.	lb.	7.00	- 8.00
Peanut, crude, dom., tanks.	lb.	.05¾-	.06
refd., edible, bbls.	lb.	.08¾-	.09
Pennyroyal, dom., cns.	lb.	3.00	Nom.
import, cns.	lb.	2.50	- 2.75
Peppermint, natural, cns., dms.,	lb.	2.65	- 2.90
redist., USP, cns., dms.	lb.	2.90	- 3.15
Perilla, dms.	lb.	.18½	Nom.
tanks	lb.	.17½	Nom.
Petitgrain, Paraguay, cns.	lb.	1.50	- 1.55
Pimento berry, cns.	lb.	4.35	- 7.25
leaf, cns.	lb.	2.40	- 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.50	- .55
steam-dist., dms.	gal.	.59	- —
tanks	gal.	.54	- —
Pineneedle, Siberian, cns.	lb.	1.35	- 1.40
Putty, bbls., E. Segundo, Richmond, Cal.	gal.	.23¼-	—
contracts	gal.	.19¼-	—
Whiting, Ind.	gal.	.28	- —
dms., c.l., Bost., Provid.	gal.	.25	- —
l.c.l., same basis.	gal.	.27	- —
tanks, same basis.	gal.	.18	- —
Martinez, Cal.	gal.	.28	- —
Rapeseed, blown, bbls.	lb.	.17½	Nom.
denat., bbls.	gal.	1.10	- 1.15
Red, dist. or saponif., dms., dlvd.	lb.	.06¾-	.07¾
tanks, dlvd.	lb.	.06¼-	—
Rose, artif., bots.	oz.	1.35	- 2.25
natural, coppers.	oz.	5.75	-22.50
Rosemary, Spanish, cns.	lb.	.67	- .68
dms.	lb.	.62	- .63
Rosin, 1st rectfd., dms.	gal.	.43	- —
2d rectfd., dms.	gal.	.45	- —
3d rectfd., dms.	gal.	.49	- —
Rue, bots.	lb.	8.00	- 8.25
Sage, cns.	lb.	2.00	- 3.00
Sandalwood, E. I., USP, cns.	lb.	5.25	- 5.50
Mysore, cns., case lots.	lb.	5.50	- 5.75
Sardine, crude, tanks, Pac. Cst.,	gal.	.38	Nom.
refd., alkali, dms.	lb.	.0730-	—
tanks	lb.	.0670-	—
kettle-bodied, dm.	lb.	.0850-	—
Sardine, light-pressed, dms.	lb.	.0670-	—
tanks	lb.	.0610-	—
Sassafras, artif., cns.	lb.	.83	- .84
dms.	lb.	.80	- .81
natural, cns., dms.	lb.	1.15	- 1.20
Savin, cns.	lb.	2.20	- 2.25
Savory, cns.	lb.	3.50	- 3.75
Sesame, refd., dom., dms.	lb.	.16	Nom.
Shingle stain, bbls., c.l., works,	gal.	.19	- —
l.c.l., works.	gal.	.20	- —
tanks, works.	gal.	.14	- —
Snakeroot, Canada, cns.	lb.	9.50	-10.00
Soybean, dom., crude, dms.	lb.	.06	- .06¼
tanks	lb.	.05¾-	—
refd., dms.	lb.	.06¾-	.07¾
tanks	lb.	.06¾-	.06¾
Spearmint, dms.	lb.	2.25	- 2.30
Sperm, bleach, 38°, dms.	lb.	.1100-	—
45° dms.	lb.	.1030-	—
natural, dms.	lb.	.0980-	—
Spruce, cns., dms.	lb.	.65	- .70
Sweet, birch, North, cns.	lb.	2.25	- 2.65
South, cns.	lb.	1.55	- 1.70
Tall, crude, dms., c.l., works,	ton.	40.00	- —
l.c.l., works.	ton.	45.00	-50.00
tanks, works.	ton.	80.00	- —

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ALL OTHER BRANDS COMBINED
3 TO 1

Exchange X BRAND
OIL OF LEMON
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PRODUCTS DEPARTMENT, ONTARIO, CALIFORNIA

PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

Oil, tall, distilled, dms., c.l., dlvd.	lb.	.05½- .07
l.c.l., dlvd.	lb.	.06½- .08¾
tanks, dlvd.	lb.	.05 - .06¾
refined, dms., c.l., works.	lb.	.04 - —
l.c.l., works	lb.	.04¼- —
tanks, works	lb.	.03½- —
Tallow, acidless, bbls.	lb.	.07½- —
tanks	lb.	.06¾- —
Tansy, cns.	lb.	5.75 - 6.00
Tar, pine, com'l, dmc., c.l., dlvd. E. cities	gal.	.26 - —
E. ports, c.l.	gal.	.25 - —
l.c.l.	gal.	.27 - —
tanks, dlvd. E. cities	gal.	.20 - —
rectfd., USP, bbls., l.c.l., dlvd., E. ports	gal.	.55 - —
Tar acid (see T).		
Teaseed, crude, dms.	lb.	.12½ Nom.
Tea Tree (see Oil, Ti tree).		
Thyme, NF, red, dms.	lb.	.80 - 1.75
white, dms.	lb.	.95 - 1.95
Tung (see Oil, chinawood).		
Ti tree, cns.	lb.	2.30 - 2.80
Turkey red (see castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	6.00 - —
Valerian, bots.	lb.	8.00 - 9.00
Vetiver, bots.	lb.	3.75 -15.00
Whale, ref., natural, dms.	lb.	.0910- —
winter, bleach, dms.	lb.	.0950- —
Wheat germ, cns., dms.	gal.	17.50 -25.00
White, mineral, dom., dms., tech., 50-60 vis., dms.	gal.	.33 - .34
65-75 vis., dms.	gal.	.37 - .43
80-90 vis., dms.	gal.	.38 - .44
USP, 80-90 vis., dms.	gal.	.41½- .47
95-105 vis., dms.	gal.	.50 - .51
125-135 vis., dms.	gal.	.56 - .57
140-150 vis., dms.	gal.	.57½- .59½
175-185 vis., dms.	gal.	.63½- .64½
200-210 vis., dms.	gal.	.66½- .67½
320-330 vis., dms.	gal.	.73½- .76½
335-345 vis., dms.	gal.	.76 - .77
Russian, 80-90 vis., dms.	gal.	No prices
145-155 vis., dms.	gal.	No prices
175-185 vis., dms.	gal.	No prices
335-345 vis., dms.	gal.	No prices
Wintergreen, natural, North, cns.	lb.	4.35 - 5.00
South, cns.	lb.	3.05 - 3.75
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	4.50 - 4.55
Wormwood, cns.	lb.	5.40 - 5.85
Ylang-ylang, Bourb., bots., cns.	lb.	2.50 - 8.00
Manila, bots.	lb.	18.00 -22.00
Olivine, aggregate, c.l., mines,	ton.	7.00 -11.00
Lumps, same basis	ton.	7.00 - —
Spalls, same basis	ton.	5.00 - —
ground, 325 mesh c.l., mines,	ton.	20.00 - —
200 mesh, c.l., mines	ton.	17.00 - —
100 mesh, c.l., mines	ton.	15.00 - —
20 mesh to dust	ton.	12.00 - —
Opium USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns.	lb.	12.50 -13.50
Orange Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11¼- —
Colo., Mont., N. M., Wyo.	lb.	.11 - —
Other points	lb.	.10½- —
Orange, mineral, smaller lots, dlvd., Ala., etc.	lb.	.11¼- —
Ariz., etc.	lb.	.11¾- —
Colo., Mont., N. M., Wyo.	lb.	.11½- —
Other points	lb.	.11 - —
French, Tours, casks, ex dock	lb.	.13½- —
kgs., ex dock	lb.	.14½- —
Molybdate, bbls.	lb.	.31 - —
Toner, bbls.	lb.	.80 - —
Orangeflower petals, cs.	lb.	.45 - .50
Orange peel, bitter, bls.	lb.	.09 - .10
sweet, bls.	lb.	.11 - .12¼
Orris root, Florentine, bgs.	lb.	.45 - .50
fingers, cs.	lb.	1.35 - 1.70
powd., bbls., bxs.	lb.	.48 - .53
Verona, bls.	lb.	.34 - .35
powd., bxs., cs.	lb.	.37 - .38
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloroanilin, dms.	lb.	.60 - .75
Orthochlorophenol, dms.	lb.	.82 - —
Orthocresol, dms., c.l., works.	lb.	.16 - —
l.c.l., same basis	lb.	.16¼- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06 - —
l.c.l., same basis	lb.	.07 - —
100-lb. tins, same basis.	lb.	.08 - —
50-lb. tins, same basis.	lb.	.09 - —
tanks, same basis	lb.	.05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.55 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.09 - —
Orthophenetidin, dms.	lb.	.80 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange extract, cryst., bbls.,	lb.	.21 - —
liquid, 42°, bbls.	lb.	.09 - —
51°, bbls.	lb.	.10 - —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50 - —
bots., cns., 1-50 lbs.	lb.	3.65 - 4.00
Orthotoluene hydrochloride, dms.	lb.	.22 - —
Sulphonate, kgs.	lb.	2.00 - 2.05

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Papain, powd., cs.	lb.	1.45 - 1.50
Paprika, Bulgarian, bgs.	lb.	.30½- .32
Hungarian, extra fancy, bgs.	lb.	.40 - .41
medium, bgs.	lb.	.37 - .38
Portuguese, extra fancy, bgs.	lb.	.33 - .34
fancy, bgs.	lb.	.32 - .33
Spanish, fancy, cs.	lb.	.38 - .39
Parachlorophenol, dms.	lb.	.32 - —
Paracymene, refd., dms.	gal.	.75 - 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11 - .12
l.c.l.	lb.	.12½- .15½
Paraffin, crude, scale, white 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼- —
bbls., c.l., N.Y.	lb.	.02⅜- —
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02½- .02¾
bbls., c.l., N.Y.	lb.	.02⅜- .02½
yellow, 124-126 A.m.p., bbls., c.l., N.Y.		.02⅜- —
fully refd., bgs., 123-125 A.m.p., bgs., c.l.	lb.	.0570- —
125 A.m.p., bgs., c.l.	lb.	.0570- —
128-130 A.m.p., bgs., or loose, c.l.	lb.	.0570- —
131-133 A.m.p., bgs., or loose, c.l.	lb.	.0595- —
133-135 A.m.p., bgs., or loose, c.l.	lb.	.0625- —
Paraffin, fully refd., A.m.p., bgs., or loose, c.l.	lb.	.0650- —
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0725- —
143-145 A.m.p., bgs., or loose, c.l.	lb.	.0820- —
151-153 A.m.p., bgs. or loose, c.l.	lb.	.15 Nom.

Refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars 5c. lower.

match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.03½- —
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.03 - —
Paraformaldehyde, dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C.	lb.	.34 - —
100 to 900 lbs. shipments, same basis.	lb.	.35 - —
Paraldehyde, tech., 98%, 55 and 110 gal. dms., c.l., works.	lb.	.10 - —
l.c.l., works	lb.	.11¼- —
5 and 10-gal. dms., works.	lb.	.15 - —
USP, cs., cbys.	lb.	.37 - .45
Paranisidine, dms.	lb.	.75 - —
Paranitroanilin, kgs., works.	lb.	.47 - —
Paranitrochlorobenzene, kgs.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.35 - —
Paranitrotoluene, kgs.	lb.	.30 - —
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls.	lb.	.48 - —
Pareira brava root, bls.	lb.	.20 - .21
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld.	lb.	.23 - .25
less car lot, same basis	lb.	.24 - .26
Passion flower, herb, bls.	lb.	.08 - .09
Patchouli leaves, bls.	lb.	.28 - .30
Pellitory root, bls.	lb.	.30 - .32
Pennyroyal leaves, bls.	lb.	.15 - .16
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½- —
l.c.l., G.3	gal.	.16 - —
tanks, G.3	gal.	.08½- —
laboratory grade, dms., c.l., G.3,	gal.	.14 - —
l.c.l. G.3	gal.	.23 - —
Pepper, black, Aleppey, bgs.	lb.	.06½- .06¾
Lampong, bgs.	lb.	.0360- .0380
Tellicherry, bgs.	lb.	.05¾- .06¼
Red, chillies, Japan, Hontaka.	lb.	.17 - .17½
Mombassa, bgs.	lb.	.28½- .29
White, Java, Muntok, bgs.	lb.	.08 - .08½
Singapore, Muntok	lb.	.07¾- .08
Peppermint leaves, dom., bls.	lb.	.40 - .45
imports, bls.	lb.	.75 - .80
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08 - —
l.c.l., same basis	lb.	.08½- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½- —
l.c.l., same basis	lb.	.09 - —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —
Zone 4, dms., c.l., f.o.b. stock points.	lb.	.09 - —
	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas

Oil, Tall—Petroleum

Zone 2 includes Ala., Kan., except Kansas City N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	85 - .90
Petrolatum, amber, dms., c.l.	lb.	.02¾- —
l.c.l.	lb.	.03¼- —
amber, extra, dms.	lb.	.03 - —
l.c.l.	lb.	.04 - —
veterinary, dms., c.l.	lb.	03⅜- —
white, cream, dms., c.l.	lb.	.04 - —
l.c.l.	lb.	.05½- —
lily, dms., c.l.	lb.	.04¾- —
l.c.l.	lb.	.06½- —
snow, dms., c.l.	lb.	.05½- —
l.c.l.	lb.	.07½- —
Petroleum, crude, bulk, at wells:—		
California	bbl.	.42 - 1.75
Canada	bbl.	2.10 - 2.17
Central West:—		
Illinois	bbl.	.53 - 1.00
Lima	bbl.	.90 - —
Michigan	bbl.	.82 - 1.08
Princeton	bbl.	1.05 - —
East Texas	bbl.	1.10 - —
Gulf Coast	bbl.	.74 - 1.41
Kentucky, Tennessee	bbl.	1.02 - 1.10
Louisiana, Arkansas	bbl.	.73 - 1.20
Mexico	bbl.	No prices
Midcontinent:—		
North Texas	bbl.	1.10 - —
Oklahoma-Kansas	bbl.	.51 - 1.10
	bbl.	.58 - 1.10

⅓ OF U. S. OIL OUTPUT SHUT IN!
August 17—Six Southwestern oil-producing states, through their regulatory bodies, have issued orders shutting down the wells in all fields.
August 18—Natural gasoline production was expected to reach a new low in the mid-continent within the next 12 hours. By that time most natural plants will have processed virtually the last cubic foot of available gas and will be forced to shut down . . .
—Platt's Oilgram
August 19—The most critical shortage was in natural gasoline . . . Refiners were anxious to obtain assurance of supplies, but found that hard to obtain.
August 23—As for several days, the greatest stringency of petroleum market supply yesterday was in natural gasoline. The 26-70 grade is strong in Oklahoma and Kansas . . . and is hard to get.
—Chicago Journal of Commerce

A National Emergency Proves Skellysolve's Famed

DEPENDABILITY OF SUPPLY!

Two Weeks' Oil-field Shutdown in Six States Creates Critical Shortage of Natural Gasoline . . . Finds Skelly with Ample Reserves to Go on Producing and Supplying Special Solvents for Many Weeks!

SKELLYSOLVE *in the* **OIL, PAINT** *and* **DRUG FIELD**

The Skellysolve line includes V. M. & P. naphthas, mineral spirits and lacquer diluents, as well as many other special hydrocarbons for plant and laboratory use. Our technical staff has aided many manufacturers by helping them develop formulas for new or improved products. Investigate Skellysolve today!

WHEN governing bodies in six oil-producing states issued orders shutting down every oil field within their borders for a two weeks' period this summer, the most critical of the resultant shortages was that of *natural gasoline*. Produced mainly from natural gas coming from oil wells, natural gasoline is the raw material from which Skellysolve B, Skellysolve C, and similar special solvents are derived.

Few plants where special solvents are produced maintain sizable storage facilities for natural gasoline. This means that when oil production stops, production of special solvents can continue for only a very short time in those plants. But not so at Skelly! For at our Lyman, Oklahoma, plant we have natural gasoline storage capacity of about 3,000,000 gallons! Throughout the two weeks' August oil-field shutdown, we were able to continue making Skellysolve from our reserves of natural gasoline without fear of shortage. All Skellysolve orders were shipped promptly upon receipt, as they always have been for the past ten years! What is more, we could have gone on making Skellysolve for several weeks longer, had the shutdown continued!

This emergency only partially demonstrated Skelly's exceptional ability to assure you of a certain supply of quality special solvents. It's literally true that *you can always depend on Skelly!*

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago, Ill.
A. Ernest MacGee, *Manager*
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CYANAMID INTRODUCES
AERO BRAND ACRYLONITRILE

● AERO* BRAND is the first Acrylonitrile to be produced commercially in the United States.

Its development by Cyanamid assures an adequate domestic supply of this important chemical, and opens up new fields of possibility for synthetic rubbers with high degree of resistance to greases, gasoline, light, heat, and abrasion. Unlike natural rubber which deteriorates, Acrylonitrile type of rubber improves with age. It is uniform and has no odor.

AERO BRAND ACRYLONITRILE is stable on long storage, non-corrosive, and can be safely shipped in steel drums without decomposition. It has the high degree of purity necessary for successful production of synthetic rubbers.

Cyanamid's development of Acrylonitrile is in line with its policy of developing new chemicals to meet new industrial needs. We invite your inquiries regarding AERO BRAND ACRYLONITRILE.

*Registered U. S. Patent Office

American Cyanamid & Chemical Corporation

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Petroleum, crude, bulk, at wells, Pennsylvania, Ohio, West Virginia:—			
Bradford, Allegany	bbl.	2.00	—
Corning	bbl.	1.17	—
Buckeye lines	bbl.	.95	—
N. Y. Transit lines	bbl.	2.00	—
Eureka lines	bbl.	1.59	—
S. W. Penn lines	bbl.	1.65	—
lower district in National Transit lines	bbl.	1.88	- 1.93
Rocky Mountains	bbl.	.51¼-	1.80
South Central and Southwestern Texas	bbl.	.73	- 1.27
Texas Panhandle	bbl.	.67	- .96
West Texas	bbl.	.53	- .96
Ether, 30-60°, dms., c.l., G.3,	gal.	.14½-	—
l.c.l., G.3	gal.	.25½-	—
tanks, G.3	gal.	.13½-	—
35-60°, dms., l.c.l., G.3	gal.	.30½-	—
40-75°, dms., c.l., G.3	gal.	.14½-	—
l.c.l., G.3	gal.	.25½-	—
tanks, G.3	gal.	.13½-	—
laboratory grade, dms., c.l., G.3	gal.	.14½-	—
c.l., G.3	gal.	.25½-	—
10-gal. lots, G.3	gal.	.50½-	—
Lacquer, diluent, at refinery:— California, 100 i.b.p., 200 e.p., tanks, dlvd. Los Angeles	gal.	.11	—
San Francisco	gal.	.11½-	—
f.o.b. Richmond	gal.	.11	—
Calif., Willbridge, Ore., Ft. Wells, Wash	gal.	.12	—
East Coast, tanks	gal.	.09½-	.10
Group 3, toluol type, tanks,	gal.	.07⅞-	—
benzol type, tanks	gal.	.07⅞-	—
Naphtha, cleaners,' at refinery:— East Coast, tanks	gal.	.09	- .10¼
Group 3, tanks	gal.	.06⅞-	.07
tankwagon, Boston, ex tax.	gal.	.13½-	—
Bridgeport	gal.	.13½-	—
Chicago, inc. 4c. tax	gal.	.18	—
Decatur, inc. 4c. tax	gal.	.1910-	—
tankwagon, Des Moines, inc. 4c. tax	gal.	.1890-	—
Des Moines, inc. 4c. tax,	gal.	.1890-	—
Evansville, inc. ex tax	gal.	.15	- .16
Milwaukee, inc. 5c. tax	gal.	.2030-	—
Minneapolis-St. Paul, inc. 5c. tax	gal.	.20½-	—
Newark, ex tax	gal.	.10½-	—
New York, ex tax	gal.	.10¼-	—
Omara, ex tax	gal.	.1490-	.1590
Oklahoma City, ex tax	gal.	.16½-	—
Philadelphia, ex tax	gal.	.12	—
St. Louis, inc. 1c. tax	gal.	.15½-	—
Syracuse, 150 gals	gal.	.14½-	—
smaller lots, galv. drums,	gal.	.10	—
milk cans	gal.	.21	—
High-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway	gal.	.20	—
2, over 90% arom., same basis	gal.	.21	—
3, same basis	gal.	.22	—
8, tanks, f.o.b. Paulsboro, N. J.	gal.	.16½-	—
30, same basis	gal.	.17½-	—
40, same basis	gal.	.17⅞-	—
v.m.&p., at refinery— California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo	gal.	.11	—
Richmond	gal.	.11½-	—
Willbridge, Ore., Pt. Wells, Wash	gal.	.12	—
54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles,	gal.	.10	—
San Francisco	gal.	.10½-	—
Portland, Seattle	gal.	.11	—
East Coast, tanks	gal.	.09½-	—
Group 3, tanks	gal.	.06⅞-	.07
tankwagon, Boston, ex tax.	gal.	.14½-	—
Chicago, inc. 4c. tax	gal.	.1640-	—
Decatur, inc. 4c. tax	gal.	.1860-	—
Des Moines, inc. 4c. tax	gal.	.1840-	—
Evansville, Ind., ex tax	gal.	.14	- .15
Milwaukee, inc. 5c. tax	gal.	.1980-	—
Minneapolis-St. Paul, inc. 5c. tax	gal.	.1820-	—
Newark, ex tax	gal.	.09½-	—
New Orleans, ex tax	gal.	.11	—
New York, ex tax	gal.	.09¼-	—
Omaha	gal.	.1360-	.14½
Philadelphia, ex tax	gal.	.13	—
St. Louis, inc. 1c. tax	gal.	.1340-	—
Tulsa, ex tax	gal.	.10½-	.11¼
Thinners, tankwagon, tax included:— California, 166-252 b.r., 59.5 a.p.i., tanks, ex tax, Los Angeles	gal.	.10	—
Portland	gal.	.11	—
San Francisco	gal.	.10½-	—
Seattle	gal.	.11	—
198-290 b.r., 56.4 a.p.i., tanks, ex tax, Los Angeles	gal.	.10	—
Portland	gal.	.11	—
San Francisco	gal.	.10½-	—
Seattle	gal.	.11	—
246-397 b.r., 47.7 a.p.i., tanks, ex tax, Los Angeles	gal.	.10	—
Portland	gal.	.11	—
San Francisco	gal.	.10½-	—
Seattle	gal.	.11	—
312-408 b.r., 40.8 a.p.i., tanks, ex tax, Los Angeles	gal.	.08½-	—
Portland	gal.	.09½-	—
San Francisco	gal.	.09	—
Seattle	gal.	.09½-	—
318-393 b.r., 35.2 a.p.i., tanks, ex tax, Los Angeles,	gal.	.13	—
Portland	gal.	.14	—
San Francisco	gal.	.13	—
Seattle	gal.	.14½-	—
East Coast, 43-47, tanks	gal.	.08¾-	.09½
47-49, tanks	gal.	.10½-	—
New Jersey, tanks	gal.	.09	—
Group 3, tanks	gal.	.05⅞-	—

Petroleum thinners, tankwagon, tax included:—			
Albany	gal.	.13½-	—
Baltimore (100 gals.)	gal.	.14	—
25-99 gals	gal.	.16	—
Boston	gal.	.13½-	—
Bound Brook, North Amboy, N. J.	gal.	.13½-	—
Bridgeport, Conn	gal.	.11½-	—
Buffalo	gal.	.15½-	—
Camden, N. J.	gal.	.10	- .11½
Chicago	gal.	.1670-	—
Decatur	gal.	.1810-	—
Des Moines	gal.	.1790-	—
Evansville, Ind.	gal.	.1420-	.1520
Milwaukee	gal.	.1930-	—
Minneapolis-St. Paul	gal.	.19½-	—
Newark	gal.	.09¼-	—
New York (200 gals.)	gal.	.09½-	—
Omaha	gal.	.1360-	.1400
Philadelphia	gal.	.12½-	—
Pittsburgh	gal.	.11½-	.13½
Providence	gal.	.12	—
Rochester	gal.	.12½-	—
St. Louis	gal.	.1470-	—
Syracuse	gal.	.10¼-	—
Trenton	gal.	.10½-	—
Wilmington, Del.	gal.	.12½-	—
Phenobarbital, 5-lb. bots.	lb.	3.95	—
bots. or cns., 100 lbs., spot or contract	lb.	3.60	—
25-lb. cns	lb.	3.85	—
Phenol, USP, dms., c.l., works, frt. equald.	lb.	.13	—
l.c.l., same basis	lb.	.13¾-	—
under 1,000 lbs	lb.	.14¾-	—
tanks, works	lb.	.12	—
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots	lb.	.85	—
bbls., dms., kegs, 100-250 lbs.,	lb.	.87	- .89
yellow, fib. dms., 2,000-lb. lots,	lb.	.80	—
100-lb. fib. dms	lb.	.82	—
25-lb. dms	lb.	.87	—
50-lb. kgs	lb.	.84	—
Phenyl chloride, dms	lb.	.17	—
Phenylacetaldehyde, bots	lb.	2.10	- 2.50
Dimethylacetate, cns	lb.	14.50	-15.00
Phenyl ethyl acetate, cns	lb.	2.45	- 2.50
Phenylethylphenyl acetate, bots.,	lb.	7.90	-15.50
Phenylhydrazine, base, CP, bots.	lb.	4.00	—
hydrochloride, CP., bots., works.	lb.	4.60	—
commercial, kgs., works	lb.	1.50	—
pure, bbls., works	lb.	2.25	—
Phloroglucinol, CP, tins, wks.	lb.	20.00	-22.00
tech., tins, works	lb.	15.00	-16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines	long ton.	4.35	—
land pebble, 68% min., bulk, mines	long ton.	1.90	—
70% min., bulk, mines	long ton.	2.15	—
land pebble, 72% min., bulk, mines	long ton.	2.40	—
75% basis, 74% min., bulk, mines	long ton.	2.90	—
Tenn., 72% bulk, mines, long ton.		4.50	—
75% bulk, mines	long ton.	5.50	—
Phosphorus, red, cs.	lb.	.40	- .44
yellow, dms	lb.	.18	- .20
cases	lb.	.23	- .25
Oxychloride, cyls	lb.	.15	- .18
Pentoxide, dms., c.l., works	lb.	.11	- .12
l.c.l., dms., works	lb.	.13	- .14
Sesquisulphide, cs.	lb.	.38	- .42
Trichloride, cyls	lb.	.15	- .16
Phthalamide, bbls., works, tons.	lb.	.35	—
single bbls., works	lb.	.40	—
kgs., works	lb.	.45	- .50
Phthalic anhydride, bbls., c.l., works, frt. alld., E. of Miss. R.	lb.	.14½-	—
l.c.l., same basis	lb.	.15½-	—
Pichi leaves, bgs	lb.	.13	- .14
Pilocarpine hydrochloride, bots.,	vis. oz.	3.25	- 3.75
Nitrate bots., vis	oz.	3.15	- 3.65
Pimento, bgs	lb.	.17	- .17½
Pinkroot, bls	lb.	.40	- .41
Pitch, burgundy (see B)			
Coaltar, 160° m.p., bbls., c.l., works	ton.	19.00	—
l.c.l.	ton.	22.00	—
Hardwood, 1-time, dms., c.l., dlvd. Akron	ton.	23.75	-24.00
Linseed, dms	lb.	.06	- .06¼
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls	bbl.	6.00	- 6.50
Plaster of Paris (see Gypsum).			
Pleurisy root, Southern, bls	lb.	.12	- .13
Podophyllin, dms., dlvd. E. of Miss.	lb.	4.50	- 4.70
Poke root, bls	lb.	.07	- .07½
Pomegranate bark, bgs	lb.	.52	- .53
Root bark, bgs	lb.	.47	- .48
Poppy flowers, red, bls	lb.	.85	- .90
Seed, Dutch, bgs	lb.	.19½-	.20
Turkish, bgs	lb.	.17	- .17½
Potash abietate	lb.	.08	—
Acetate, tech., bbls., dlvd	lb.	.26	—
kgs., dlvd	lb.	.28	—
USP, bbls., 250 lbs	lb.	.28	—
kgs., 100 lbs	lb.	.30	—
cns., 25 lbs	lb.	.32	—
Arsenite, USP, solut., cbys., 100 lbs.	lb.	.11	—
demj., 50 lbs	lb.	.12	—
Bicarbonate, USP, cryst., bbls., 300 lbs.	lb.	.18	Nom.
kgs., 100 lbs	lb.	.20	Nom.
gran., bbls., 250 lbs	lb.	.18	Nom.
kgs., 100 lbs	lb.	.20	Nom.
Bichromate, spot, c.l., works, 6 casks, or 10 bbls., or over, works	lb.	.08¾-	—
5 casks or 9 bbls., or less, works	lb.	.09	—
Bromide, USP, gran., bbls., 500 lbs.	lb.	.09¼-	—
fib., dms., 100 lbs	lb.	.27	—
Carbonate, calc., dms., c.l., works	lb.	.28	—
l.c.l., same basis	lb.	.06½-	—
hydrated, 83-85%, bbls., c.l., works	lb.	.06⅝-	—
l.c.l., same basis	lb.	.05½-	—
liquid, dms., c.l., works, frt. alld.	lb.	.05⅝-	—
l.c.l., dms., same basis	lb.	.03	—
tanks, same basis	lb.	.03125-	—
USP, gran., bbls., 325 lbs.	lb.	.0275-	—
powd., bbls., 325 lbs	lb.	.14	—
kgs., 100 lbs	lb.	.19	—
Caustic, flake, 88-92%, dom., c.l., works	lb.	.07	—
l.c.l.	lb.	.07¼-	.07½
import, dms	lb.	No prices	
liquid, 45% basis, dms	lb.	.03½-	.03⅝
tanks	lb.		—
solid, 88-92%, dom., dms., c.l., works	lb.	.06¼-	—
l.c.l.	lb.	.06½-	.06⅝
import, dms	lb.	No prices	
Chlorate, cryst., kgs	lb.	.10¼-	.17
powd., kgs	lb.	.10	- .17

Potash, chloride, tech., 98%, cryst., bgs., kgs.	lb.	.04	Nom.
Chromate, kgs	lb.	.24	- .27
Citrate, USP., gran., bbls., 250 lbs.	lb.	.33½-	—
kgs., 100 lbs	lb.	.34½-	—
cns., 50 lbs	lb.	.35½-	—
cns., 25 lbs	lb.	.37½-	—
Cyanide, cns., dms	lb.	No prices	
Cyanide, gold, 11% gold, bots., works	oz.	14.20	-14.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots	lb.	1.00	—
100-lb. lots	lb.	1.10	—
50-lb. lots, cbys., or cns.,	lb.	1.15	—
25-lb. lots, cns	lb.	1.25	—
Guaiacolsulphonate, fib., dms., 100-lb. lots	lb.	1.60	- 1.65
cns., 25 lbs	lb.	1.75	—
Hydroxide, USP, sticks, cns., 100 lbs. to 1,000 lbs.	lb.	.32	- .34
Hypophosphite, cns., 100 lbs.	lb.	.72	—
25 to 50 lbs	lb.	.75	—
Iodate, bots., 5 lbs	lb.	3.31	- 3.35
cns., 25 lbs	lb.	3.20	—
Iodide, bbls., 250 lbs	lb.	1.35	—
bots. or cns	lb.	1.54	- 1.80
dms	lb.	1.45	- 1.48
Kainit, 20%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports	ton.	No prices	
Manure salt, dom., min., 30%, K^2O, bulk, ex-vessels, ports, unit-ton.		.60	—
import, 30%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports	ton.	No prices	

Domestic manure salt prices, basis f.o.b., Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Prices in bags are $2 per ton higher than bulk prices.

Metabisulphite, kgs	lb.	.15	Nom.
Muriate, dom., min., 50% or 62% K_2O, bulk, ex-vessel ports	unit-ton.	.53½-	—
import, min. 50% or 60% K_2O, bulk, ex-vessel, Atlantic or Gulf port	unit-ton.	.53½-	—
Atlantic or Gulf ports	ton.	32.10	—

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Price, basis f.o.b. Trona, Cal., are 8c. per unit of K_2O less than the ex-vessel price. Prices in bags are $2 per ton higher than the bulk price.

Oxalate, pure, cryst., kgs	lb.	.30	- .31
tech., bbls	lb.	.25	- .26
Nitrate, crude, bgs., c.l.f. ports,	ton.	55.00	Nom.
Perchlorate, kgs., works	lb.	.09½-	.11
Permanganate, tech., dms	lb.	.18½-	.19
Prussiate, red, bbls	lb.	.45	Nom.
Yellow, bbls	lb.	.17	- .19
Ricinoleate, tech., bbls	lb.	.13	—
Silicate alkaline, lumps, bgs	lb.	.07	—
Sulphate, NF, cryst., 400 lbs., bbls.	lb.	.18	Nom.
100 lb. kgs	lb.	.20	—
powd., 350 lbs., bbls	lb.	.19	Nom.
100 lb. kgs	lb.	.21	—
tech., dom., bgs., basis 90%, K_2SO_4, ex-vessel, ports	ton.	36.25	—
bulk, same basis	ton.	34.25	—
imp., min. 90%, bgs., ex-vessel Atl. or Gulf ports	ton.	No prices	
Xanthate, dms., c.l.	lb.	.13	—
l.c.l.	lb.	.13½-	—
Potash-magnesia sulphate, 48-58%, min. 48%, bgs., shipt.	ton.	No prices	
Potash-soda ferricyanide, dms., works	lb.	.36	- .39
Potash titanium oxalate, 350-lb. bbls.	lb.	.40	—
100-lb. dms	lb.	.45	—
Prickly ash bark, bls	lb.	.15	- .16
Berries, bgs	lb.	.30	- .35
Prince's pine herb, bls	lb.	.22	- .28
Propane, tanks, Group 3	gal.	.03¾-	.04
Psyllium seed (see Flaxseed).			
Pulsatilla, bls	lb.	.65	Nom
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works	lb.	No prices	
less than 3, works	lb.	No prices	
F and 1, bbls., 3 or over, works	lb.	No prices	
less than 3, works	lb.	No prices	
O, O-½, O-¾, and ½, bbls., 3 or over, works	lb.	No prices	
less than 3, works	lb.	No prices	
Ital.-grd., bgs., c.l., ship., ex dock, N.Y.	ton.	No prices	
l.c.l., 5-29 tons, ex whse.	ton.	No prices	
1,000-10,000 lbs., ex whse.	ton.	No prices	
2 bgs., to 1,000 lbs., ex whse.	ton.	No prices	
single bgs., ex whse.	ton.	No prices	
Pumpkin seed, bgs	lb.	.10	- .11
Purple lake (see Red).			
Putty, com'l, dms	100 lbs.	3.15	—
linseed oil, raw, dms	100 lbs.	5.00	—
refined, dms	100 lbs.	5.50	—
standard, dms	100 lbs.	4.20	—
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless	gal.	7.15	- 7.50
concentrate (30 to 1), 3.6% pyrethrin, 55-gal. dms. (incl.), frt. alld., or dlvd., on 15 gals. or more, standard brand, colorless	gal.	10.65	-11.00
Pyrethrum flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. lld., 15 tons or over	lb.	.33	- .36
fine powd. Japan, bbls., ton lots frt. alld.	lb.	.35	- .37
Pyridin, denaturing, dms	gal.	1.71	—
refd., 2°, dms	lb.	.51	—
Pyrites, Spanish, bulk, c.i.f, Atl. ports	unit-ton.	.12-.13	Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins	lb.	2.15	- 2.40
resublimed, fib. dms., tins	lb.	4.60	—
Pyrophyllite, standard, 200 mesh, c.l., mines	ton.	9.00	—
325 mesh, same basis	ton.	12.00	—
No. 3,, 200 mesh, c.l., mines	ton.	7.50	—
325 mesh, same basis	ton.	10.50	—
Pyroxylin scrap, amber, cs., works	lb.	.12	—
black, cs., works	lb.	.10	—
China white, ivory, cs., works.	lb.	.13	—
dense, white, cs., works	lb.	.10	—
gray, cs., works	lb.	.08	—
mixed, mottles, opaque, cs., works	lb.	.04	—
translucent pastels, cs., works	lb.	.10	—
transparent, cs., works	lb.	.20	—
colors, cs., works	lb.	.12	—
shavings, amber, cs., works	lb.	.16	—
colors, mixed, cs., works	lb.	.10	—
white, cs., works	lb.	.15	—

Petroleum—Red, Metallic

Q

Quassia chips, bls	lb.	.05	- .06
Quebracho extract, liquid, 35% tan, bbls., works	lb.	.04	—
tanks, works	lb.	.03½-	—
solid, 63%, bgs., c.l., ex dock, plus duty	lb.	.04½-	—
clarified, 64%, bgs., c.l., same basis	lb.	.04¾-	—
Queen of the meadow leaves, bgs	lb.	.07	- .08
Root, bgs	lb.	.10	- .11
Quercitron, extract, liquid, 51°, bbls.	lb.	.08½-	.09¼
solid, dms	lb.	.11	- .16½
Quicksilver, dom., flasks (76 lbs. net, dlvd., N.Y.	flask.	197.00	-198.00
European, flasks (76 lbs. net), c.i.f., N. Y., incl. war risk insurance	flask.	207.00	—
ex store	flask.	209.00	—
Quince seed, bgs	lb.	1.10	- 1.15
Quinidine, cryst., small, cns	oz.	1.01	—
large, cns	oz.	1.03	—
powd., precip., cns	oz.	.96	—
Sulphate, cns	oz.	.69	—

Subject to surcharge of 4c. per oz.; see note under Quinine.

Quinine, 100 ozs., cns	oz.	.80	—
Acetate, cns	oz.	1.02	—
Arsenate, cns	oz.	1.02	—
Arsenite, cns	oz.	1.04	—
Bisulphate, cns	oz.	.57	—
Citrate, cns	oz.	.75	—
Dihydrobromide, bots	oz.	.78	—
Dihydrochloride, bots	oz.	.78	—
Ethylcarbonate, cns	oz.	.80	—
Ferrocyanide, cns	oz.	1.04	—
Formate, cns	oz.	.97	—
Glycerophosphate, cns	oz.	1.17	—
Hydrochloride, cns	oz.	.72	—
Hydrochlorosulphate, cns	oz.	.78	—
Hydroiodide, cns	oz.	1.02	—
Hypophosphite, cns	oz.	1.03	—
Phosphate, cns	oz.	.86	—
Salicylate, cns	oz.	.76	—
Sulphate, USP, X, cns	oz.	.57	—
USP, XI, cns	oz.	.64	—
Sulphocarbonate, cns	oz.	1.03	—
Tannate, cns	oz.	.60	—
Tartrate, cns	oz.	1.00	—
Valerate, cns	oz.	.96	—

Quinine buyers must pay a surcharge of 4c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride, cns.	oz.	.78	—

Subject to surcharge of 4c. per oz.; see note under Quinine.

R

R, salt, dry, bbls	lb.	.55	—
paste, dms	lb.	.52	—
Rapeseed, Belgian, bgs	lb.	.07¼-	.08
Dutch, black, bgs	lb.	.10	- .10½
red, bgs	lb.	.12	- .12¼
Japanese, bgs	lb.	.08	- .08¼
Raspberries, dried, bls	lb.	.55	- .60
Red, alizarin lake, bbls., dlvd. N. of Tenn., and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	1.10	- 1.90

Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita. prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.90	—
smaller lots, same basis.	lb.	.95	—
kgs., ton lots, same basis.	lb.	.95	—
smaller lots, same basis.	lb.	1.00	—
light shade, bbls., ton lots, same basis.	lb.	.75	—
smaller lots, same basis.	lb.	.80	—
light, shade, kgs., ton lots, same basis.	lb.	.80	—
smaller lots, same basis.	lb.	.85	—
light-medium shade, bbls., ton lots, same basis.	lb.	.80	—
smaller lots, same basis.	lb.	.85	—
kgs., ton lots, same basis.	lb.	.85	—
smaller lots, same basis.	lb.	.90	—
maroon shades, bbls., ton lots, same basis.	lb.	1.00	—
smaller lots, same basis.	lb.	1.05	—
kgs., ton lots, same basis.	lb.	1.05	—
smaller lots, same basis.	lb.	1.10	—
medium shade, bbls., ton lots, same basis.	lb.	.85	—
smaller lots, same basis.	lb.	.90	—
kgs., ton lots, same basis.	lb.	.90	—
smaller lots, same basis.	lb.	.95	—
Selenide, bbls., dark, works,	lb.	2.70	—
light, works	lb.	2.40	—
orange, bbls., 100-lb. lots, works	lb.	1.50	—
Carmine, 40, dms., 100 lbs.	lb.	4.50	—
50 lbs	lb.	4.60	—
cns., 5 lbs	lb.	4.75	—
1 lb	lb.	4.85	—
Crocus martis (see Red, purple oxide).			
Eosin toner, bbls	lb.	1.25	—
Indian, pure, bbls., f.o.b., Bethlehem, Easton, E. St. Louis, N. Y.	lb.	.08¾-	—
80%-85%, bbls., same basis.	lb.	.07¼-	—
Iron oxide (see Red oxide).			
Lake C toner, bbls., same basis			
alizarin, lake, contracts	lb.	.90	—
open order	lb.	.90	—
Lithol toner, bbls., same basis,			
alizarin, lake, contracts	lb.	.55	—
open order	lb.	.60	—
Rose lake, bbls	lb.	.20	- .22
Pink, bbls	lb.	.15	- .20
Lithol-rubine toner, bbls., same basis, alizarin lake	lb.	1.35	—
Maroon lake, 25%, kgs., same basis alizarin lake contracts,	lb.	.40	—
Oxide (see Red, purple oxide).			
Mercury oxide, tech., dom., bbls.	lb.	3.11	—
Metallic, bbls., Pa., works	lb.	.02	—
Orange, Persian (see O).			

Red Oxide—Soda Arsenate

Red, oxide, pure, bbls., c.l., works..lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .70 - —
open order .....lb. .75 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .03 - —
ex whse., Chicago, St. Louis..lb. .03¾- —
San Fran., Los Ang., Portland, Seattle..lb. .03½- —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N.Y. lb. .04½- —
Toluidine toner, kgs., same basis alizarin lake..lb. 1.05 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Red, Venetian, bbls., works...lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 3.27 - 3.32
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., flb., dms., 50 lbs. or more..lb. 3.36 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., 200 lb. dms., frt., alld., E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
U.S.P., cryst, 100 lb., dms., frt., alld., E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .12 - .14
Rhodinol, bots.....lb. 5.50 -10.90
Rhubarb, bots.....lb. .55 - .56
powd., bbls., kgs.....lb. .60 - .61
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .25¾- —
smaller lots.....lb. .26¼- —
powd., bbls., 5,000 lbs., 1 ship't..lb. .24¾- —
smaller lots.....lb. .25¼- —
Rose flowers, pale, bls.....lb. .55 - .60
red, bls.....lb. 2.50 - 3.00
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .09 - .10
Rosin, gum, B, bbls., ex dock 100 lbs. 1.70 - —
D, bbls.....100 lbs. 1.73 - —
E, bbls.....100 lbs. 1.80 - —
F, bbls.....100 lbs. 1.80 - —
G, bbls.....100 lbs. 1.80 - —
H, bbls.....100 lbs. 1.80 - —
I, bbls.....100 lbs. 1.80 - —
K, bbls.....100 lbs. 1.85 - —
M, bbls.....100 lbs. 1.90 - —
N, bbls.....100 lbs. 2.20 - —
W. G., bbls.....100 lbs. 2.45 - —
W. W., bbls.....100 lbs. 2.75 - —
X, bbls.....100 lbs. 2.90 - —
Rosin, wood, bbls.....280 lbs. 3.65 - 5.25
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines....ton.37.50 - —
import, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. .30 - .35

S

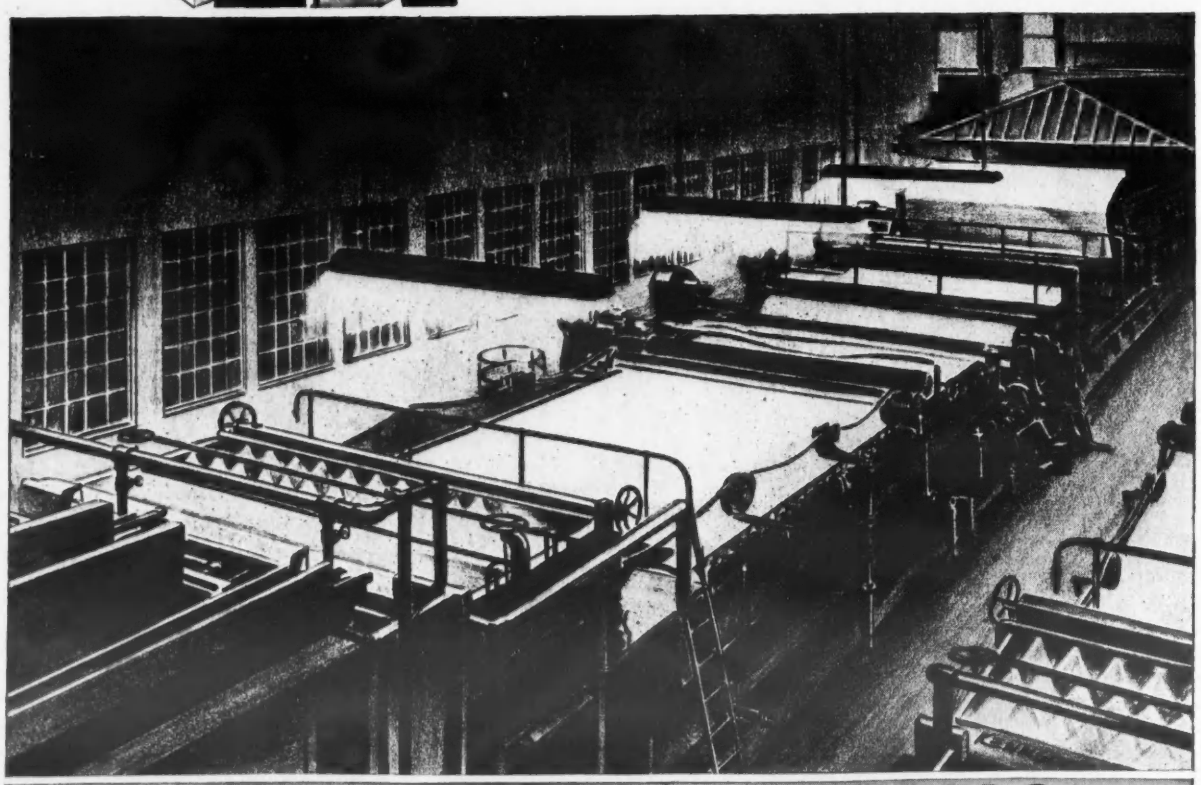
Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .40 - .45
Spanish, tins.....lb.28.00 -29.00
Safrol, cns.....lb. 1.05 - 1.10
dms.....lb. 1.00 - 1.05
Sage, Dalmatian, stemless.....lb. No stocks
garden, bls.....lb. .36 - .37
Sago flour, bgs.....lb. .04 Nom.
Salicin, bots., 5 lbs.....lb. 7.04 - —
cns., 25 lbs.....lb. 7.00 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., flb. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N.Y...ton.13.20 -13.38
l.c.l., bgs., dlvd., N.Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton.15.70 - —
l.c.l., dlvd., N.Y.....ton.16.60 -19.70
Saltcake, grd., dom., bbls., works. ton.24.00 Nom.
bulk, works.....ton.17.00 Nom.
import, bulk, c.l.f.....ton.20.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 8.10 - 9.10
1-9 tons.....100 lbs. 8.25 - 9.25
less than ton lots..100 lbs. 8.50 - 9.50
gran., bbls., 10-20 tons, 100 lbs. 7.10 - —
1-9 tons.....100 lbs. 7.25 - —
less than ton lots..100 lbs. 7.50 - —
powd., bbls., 10-20 tons.100 lbs. 8.10 - —
1-9 tons.....100 lbs. 8.25 - —
less than ton lots..100 lbs. 8.50 - —
Santonin, cryst., cns.....kilo.145.00 -150.00
Saponin, crude, cns.....lb. 2.25 - 2.50
purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls.lb. .30 - .31
Mexican, bls.....lb. .14 - .15
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bbls.....lb. .29½- .30
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .09
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipmt..lb. .20½- —
smaller lots.....lb. .20½- —
kegs, 5,000 lbs., 1 shipm't..lb. .20⅝- —
smaller lots.....lb. .21⅛- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lbs. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .80 - .85
futures, bls.....lb. .57 - .58
Senna leaves, Alexandria, half leaf, bls..lb. .16 - .17
siftings, bgs.....lb. .16 - .17
Tinnevelly, No. 1, bls.....lb. .12 - .13
2 bls.....lb. .10 - .11
3 bls.....lb. .08½- .09
powd., bbls., bxs.....lb. .12 - .13
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. .85 - .90
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .25 - .26
dlvd., Boston.....lb. .25½- .26½
Chicago .....lb. .25¾- .26¾
Pacific Coast.....lb. .28 - .29
rfd., bbls., f.o.b. N.Y.....lb. .31 - .32
dlvd., Boston.....lb. .31½- .32½
Chicago .....lb. .31¾- .32¾
Pacific Coast.....lb. .34 - .35
Garnet, bgs.....lb. .19½- —
Orange, D.C., VSO., Diamond I, cases..lb. .25½- .26
Superfine, bgs., f.o.b. Bost., N. Y..lb. .14½- —
dlvd., Chicago.....lb. .15 - .15½
Pacific Coast.....lb. .17½- .18
T.N., bgs., f.o.b. Bost., N.Y.lb. .14 - .14½
dlvd., Chicago.....lb. .14½- .15
Pacific Coast.....lb. .17 - .17½
Varnish, Metro., area, orange, 5-lb. cut., bbls..gal. 1.05 - 1.10
4½-lb. cut, bbls.....gal. 1.00 - 1.05
4-lb. cut, bbls.....gal. .95 - 1.00
white, 5-lb. cut, bbls.....gal. 1.15 - 1.20
4½-lb. cut, bbls.....gal. 1.10 - 1.15
4-lb. cut, bbls.....lb. 1.05 - 1.10
Prices, dlvd., Boston or Chicago, 10c. per gal. higher.
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works, ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works, ton.21.00 - —
smaller lots, works.ton.25.00 - —
400 mesh, bgs., c.l., works, ton.30.00 - —
l.c.l., 2½ tons, works, ton.35.00 - —
smaller lots, works..ton.38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works..ton.21.50 - —
smaller lots, works, ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 99¼%, 325 mesh, bgs., c.l., works..ton.13.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .34¾- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
Cyanide, cns., 2,500 ozs....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .26¾- —
Nucleinate, bots., cns., 480-oz. lots..oz. .30 - .31
Proteinate, bots., cns., 480-oz. lots..oz. .29 - .30
Simarubra barks, bls.....lb. .30 - .35
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .20 - .22
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cnts.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .13 - .14
crushed, bls., bbls.....lb. .17 - .18
cut, German, bls., bbls.....lb. no stocks
dom., bbls.....lb. .22 - .23
powd., bbls.....lb. .20 - .21
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd.....lb. .06¾- —
Alginate, dms., bbls., works..lb. .71 - .96
Antimoniate, bbls., dlvd.....lb. .14½- .15
Arsenate, dms., dealers, c.l., works..lb. .07 - .08
l.c.l., dms., works.....lb. .07¾- .08¾

"PRINTED IN U.S.A."

Suppose some one who lived forty or fifty years ago—say one of the founders of Mathieson—could pay us a visit today. And suppose we could have the pleasure of showing him the sights of 1940, of explaining the vast changes that have taken place since the turn of the century. What do you think would amaze the old gentleman most? If he were one of the pioneers who founded Mathieson, we believe he would be most interested in the revolutionary changes wrought by chemical progress and in the part his successors have played in building the present-day America. We would go about telling him the story as we tell it in this series of advertisements.

● Yes, Mr. M., more than 19,000 periodicals were published in the United States last year, and hundreds of thousands of advertising mailing pieces, catalogs, etc. were printed and issued. Millions of pages of information, entertainment, ideas and critiques—reflections of this nation's thoughts and hopes. All of this consumed over 4,000,000 tons of white paper. Add the millions of tons of Kraft paper now produced annually and you have some idea of the amazing progress that has been made in recent years by this country's great paper industry—progress as noteworthy in quality as in quantity.

Your successors here at Mathieson are proud of the fact that Mathieson Chemicals—liquid chlorine, caustic soda, soda ash, synthetic salt cake—have played and continue to play so important a part, from cooking liquor to finished bleached pulp, in the great American paper industry.



MATHIESON CHEMICALS

SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . HTH PRODUCTS . . . AMMONIA, ANHYDROUS and AQUA . . . FUSED ALKALI PRODUCTS . . . SYNTHETIC SALT CAKE . . . DRY ICE . . . CARBONIC GAS . . . ANALYTICAL SODIUM CHLORITE

THE MATHIESON ALKALI WORKS (INC.)
60 E. 42ND STREET, NEW YORK, N. Y.

Soda, arsenite, dry, gray, dms., c.l., dealers, works..lb. .06½- .07½
l.c.l., dms., works.....lb. .07¼- .09¼
white, dms., c.l., dealers, works..lb. .08 - .09
l.c.l., dms., works.....lb. .08¾- .10¾
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U. S. E. of Miss. river and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 93° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyo.

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., dms., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd., N. Y.100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
44 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fiber dms., 100 lbs.....lb. .28 - —
Caoodylate, 1-kilo bots.....lb. 6.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1.....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works, 100 lbs. 1.95 - —
70%, buyers, tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works, 100 lbs. 2.00 - —
solid 76% ammon., process, dms., c.l., works.100 lbs. 2.30 - —
l.c.l., Zone 1.....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works...lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08⅜- —
smaller quantities.....lb. .08⅝- —
Citrate, USP VIII, 225-lb. bbls., lb. .18¼- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —

Soda, citrate, USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
USP XI, powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. No price
Cyanide, gold, 40% gold, bots., works..oz.15.85 -17.10
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., frt. alld..lb. .07 - —
l.c.l., 10 or over, same basis..lb. .07½- —
1-9, same basis.....lb. .08 - —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
1-9, same basis.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots, lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .20 - .22
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —

Soda, hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd., 100 lbs., 2.25 - —
bbls., same basis...100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., works, 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.53 - 2.59
Mandelate, dms., 100-lb. dms.lb. 3.25 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, anhyd., dms., c.l., works, frt. equal'd..100 lbs. 3.75 - —
15 dms. and over, dlvd. N.Y..100 lbs. 4.65 - —
3-14 dms., same basis.. 100 lbs. 4.80 - —
1-2 dms., same basis.. 100 lbs. 5.05 - —

Soda Arsenite—Soda Perborate

Soda, metasilicate, gran., bbls., c.l., works..lb. 2.35 - —
10 bbls. and over, dlvd., N.Y..lb. 3.10 - —
1-9 bbls., dlvd. N. Y....lb. 3.35 - —
Molybdate, kgs., works.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.80 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200 lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., 10 tons.100 lbs. 5.50 - —
1-9 tons.....100 lbs. 5.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11½
Soda nitrite l.c.l. price range represents delivery at various points.
Orthosilicate, flake, dms., c.l., works..100 lbs. 3.00 - —
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —

INDEPENDENT AND HELPFUL

Emphasis on Design

Today's smart new containers are designed to produce more sales. Competition is forcing this change-over to better packages in every line of business.

Perhaps you are considering an improvement in your own line of metal containers. If so, Crown is able to offer you an outstanding service. A staff of competent artists will be glad to render practical assistance.

Crown is winning a fast-growing patronage by helpful service, prompt deliveries and all-round quality in the finished containers.

CROWN CAN COMPANY, PHILADELPHIA, PA.
Division of Crown Cork and Seal Company
BALTIMORE ST. LOUIS HOUSTON MADISON ORLANDO
FORT WAYNE NEBRASKA CITY

CROWN CAN

Soda Pentachlorphe.—Vanilla

Soda, pentachlorphenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 6.10 - —
bbls., c.l., works...100 lbs. 5.35 - —
l.c.l., works.....100 lbs. 6.30 - —
cryst., tech., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.50 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.70 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works...lb. 2.25 - —
l.c.l., works.....100 lbs. 2.65 - —
bbls., c.l., works..100 lbs. 2.45 - —
l.c.l., works.....100 lbs. 2.85 - —
kgs., c.l., works...100 lbs. 2.95 - —
l.c.l., works.....100 lbs. 3.35 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works..lb. .11½- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10½- —
contracts .....lb. .09½- —
smaller lots.....lb. .10½- —
contracts .....lb. .09½- —
Pyrophosphate, anhyd., bgs., c.l., works, frt. equal'd..100 lbs. 5.10 - —
l.c.l., same basis...100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal., bgs., divd. N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., divd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1...100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.

Sesquisilicate, dms., c.l., works, 100 lbs. 2.90 - —
10 dms. or over, divd. N. Y. C..lb. 4.00 - —
1-9 dms.....lb. 4.25 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. No prices
import, bbls.....lb. .08½ Nom.
Stannate, dms.....lb. No price
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over., dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works..100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
cryst., bgs., 100 lbs., works, lb. 2.10 - 2.25
bbls. .....100 lbs. 2.30 - 2.55
Sulphite, powd., bbls., c.l., 100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works..lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works..lb. .08 - —
tanks, works.....lb. .04½- —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, naphtha, dms., wks..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
High-flash, dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
Sorbitol, com'l, dms., c.l., works, lb. .14¾- —
ton lots, contracts, works, lb. .15¼- —
smaller lots, works.....lb. .15¾- —
Chicago..100 lbs. 2.90 - —
Soybean protein, bgs., c.l., works, lb. .12 - —
l.c.l., works.....lb. .12½- .16
Sparteine sulphate, cns.....oz. 1.50 - 1.60
Spearmint leaves, bls.....lb. .28 - .29
Spikenard root, bls.....lb. .20 - .21
Spruce extract, reg., bbls., c.l., worksl.b. .01¾- —
tanks, works.....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01½- —
Squawvine, leaves, bls.....lb. .14 - .15
Squill, white, bls.....lb. .30 - .35
powd., bbls., bxs.....lb. .35 - .40
St. Ignatius beans, bgs.....lb. .45 - .46
St. John's Bread, edible, bls., lb. .12 - .13
inedible, bls.....lb. .09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.80 - —
divd., N. Y.....100 lbs. 3.15 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 2.90 - —
divd., N. Y.....100 lbs. 3.25 - —
Potato, dom., bgs.....lb. .06½- .07½
import, bgs.....lb. No price
Rice, bbls.....lb. .07½- .08½
Sweetpotato, bgs.....lb. .06¾- —
bbls. .....lb. .07 - —
Wheat, thick, boil, bgs.....lb. .05¼- —
Starch, iodide, bots.....lb. 1.87 - —
Staveacre, seed, bgs.....lb. .32 - .33
Stearin, oleo, bbls.....lb. .05¾ Nom.
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. .60 - .65
Stramonium leaves, bls.....lb. .25 - .30
Seeds, bgs.....lb. .30 - .35
Strontium bromide, fib. dms...lb. .54 - .55
kgs., 150 lbs.....lb. .52 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. No prices
tech., 99-100%, precip., bbls., lb. No prices
Chloride, tech., bbls.....lb. .20 - —
Iodide, bots., 5 lbs.....lb. 3.06 - —
jars, 25 lbs.....lb. 3.00 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 3.75 - 4.00
Styalyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .80 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .90 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulpnate, cryst., cns., 100 oz. lots..oz. .50 - —
powd., cns., 100-oz. lots.oz. .40 - —
Sucrose octa-acetate, d e n a t. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.45
Milk, bbls., c.l.....lb. .16 - —
l.c.l., 10 or over.....lb. .17 - —
less than 10.....lb. .18 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.70 - —
fib. dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
25-lb. lots.....lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-grain bots..bot. 1.25 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works....100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., wks., 100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works...100 lbs. 1.95 - 1.98
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.35 - —
bbls., works.....100 lbs. 2.20 - —
l.c.l., bgs., works....100 lbs. 2.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l.,works.100 lbs. 2.55 - —
bbls., works.....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works.....100 lbs. 3.25 - 3.65
light, bgs., c.l., works.100 lbs. 2.03 - —
bbls., works.....100 lbs. 3.00 - —
l.c.l., bgs., works....100 lbs. 3.00 - 3.40
bbls., works.....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works..100 lbs. 2.50 - 2.90
roll, bgs., c.l.....100 lbs. 2.35 - —
bbls., works.....100 lbs. 2.50 - —
l.c.l., bgs., works...100 lbs. 2.75 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
rubber maker's, com'l, 99%, c.l., frt. alld..100 lbs. 2.00 - —
bbls., same basis, c.l., 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit, cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls., works..lb. .16 - .40
multi-unit cars, works..lb. .07½- 10
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, f.a.s...ton. No price
leaf, f.a.s.....ton. No prices
Extract, 42°, bbls.....lb. .06 - .06¼
51°, bbls.....lb. .07 - .07¼
stainless, bbls.....lb. .09 - .11
Berries, bgs.....lb. .14 - .15
Sunflower seed, Calif., large, bgs., lb. .07 - .07½
medium, bgs.....lb. .06 - .06½
poultry, bgs.....lb. .05 - .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto., ton. 8.50 - —
run-of-pile, basis 16%, bulk, same basis..ton. 8.00 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .68 - —

T

Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 98-94%, 325 mesh, bgs., c.l., mills, ton.14.00 -16.00
l.c.l., mills.....ton.16.00 -1800
98-95%, 325 mesh, c.l., mills..ton.15.00 -17.00
l.c.l. mills..... ton.17.00 -19.00
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.25
l.c.l., mills.....ton.17.25 -19.25
99.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 -19.00
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake, type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills...ton. No prices
French, high-grade, bgs., l.c.l., ex whse..ton. No prices
ordinary, bgs., c.l., ex dock, arrival..ton. No prices
l.c.l. ex whse.....ton. No prices
Italian, 1, bgs., ex dock, arrival, ton No prices
ex whse.....ton. No prices
2, bgs., ex dock, arrival.ton. No prices
Tallow, animal, edible.....lb. .04½ Nom.
extra, loose.....lb. .04 - —
special, loose.....lb. .03¾- —
sulphonated, 35% (34% fat), dms., c.l..lb. .03¾- —
l.c.l. .....lb. .04¾- —
50% (43% fat), dms., c.l., lb. .05¾- —
l.c.l. .....lb. .06¾- —
50% (48% fat), dms., c.l..lb. .05¾- —
l.c.l. .....lb. .06¾- —
Tamarind, No. 1, bbls.....lb. .06 - .07
Kegs .....keg. 6.00 - 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y. unit-ton. 2.35 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi..unit-ton. 2.25 & .10
feeding, unground, 9-11% ammon., 18-20% b.p.l., bulk, basis N. Y..unit-ton. 2.35 & .10
high-grade bulk Chicago..... unit-ton. 2.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, July shipt. 2.40 & .10
Tansy leaves, bls.....lb. .22 - .23
Tapioca flour, bgs.....lb. .03 - .05
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .27 - —
ports .....gal. .26 - —
l.c.l. .....gal. .27 - —
tanks, dlvd. E. cities...gal. .21 - —
Tarragon herb, bgs.....lb. .60 - .65
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .34¾ Nom.
less than 5.....lb. .35 Nom.
powd., bbls., 5 or more..lb. .34¾ Nom.
less than 5.....lb. .35 Nom.
USP, powd., bbls.....lb. .40 Nom.
Terebene, cans.....lb. .75 - .85
Terpinyl acetate, cns.....lb. .82 - .85
Terpin hydrate, bgs.....lb. .60 - .65
Terpineol, CP, cns.....lb. .28 - —
dms .....lb. .25 - —
alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks lb. .08 - .08½
Tetrachloroethylene, CP, dms../b. tech. (see Perchlorosethylene). .21½- —
Tetralin, dms.....lb. .18 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine, dms.....lb. 2.90 - 3.00
Sodiosalicylate, cns.....lb. 2.15 Nom.
dms. .....lb. 1.95 Nom.
5-lb. bots.....lb. 2.31 - 2.36
Thiocarbanilide, dms.....lb. .24 - —
Thorium, nitrate, cs., works..lb. 2.00 - —
Thyme, French, bls.....lb. .20½- .21
Thymol, dms., 100 lbs.....lb. 1.50 - —
cns, 25 lbs.....lb. 1.55 - 1.60
Iodide, kgs., 50 lbs.....lb. 3.40 - —
25 lbs.....lb. 3.50 - —
Timbo, root, powd., 4% rotenone, bbls..lb. .18 - .24
5% rotenone, bbls.....lb. .22 - .30
Thiamine hydrochloride, cns..... gram. 1.40 - 1.55
Tin chloride (ous), anhyd.....lb. No price
Crystals, bbls., kgs.....lb. No price
Metal, Straits.....lb. .51 - —
Oxide, bbls.....lb. No price
Tetrachloride, anhyd., bbls...lb. .25½- —
Titanium, dioxide, bgs., c.l., (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd..lb. .13¼- —
Pac. Cst., ex whse....lb. .13¼- —
1,000-9,999 lbs., E. frt. pd. lb. .13½- —
Pac. Cst., ex whse....lb. .13½- —
50-999 lbs., E. frt. pd....lb. .13¾- —
Pac. Cst., ex whse....lb. .13¾- —
under 50 lbs., E. frt. pd.lb. .16 - —
Pac. Cst., ex whse....lb. .16 - —
bbls., c.l. (20 tons), frt. pd.lb. .13¼- —
l.c.l., 5 tons, E. frt. pd...lb. .13½- —
Pac. Cst., ex whse....lb. .13½- —
1,000-9,999 lbs., E. frt. pd., lb. .13¾- —
Pac. Cst., ex whse....lb. .13¾- —
50-999 lbs., E. frt. pd....lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk resistant, bgs., c.l., (20 tons), frt. pd..lb. .15 - —
l.c.l., 5 tons, frt. pd....lb. .15¼- —
1,000-9,999 lbs., frt. pd.lb. .15½- —
50-999 lbs., frt. pd....lb. .15¾- —
Under 50 lbs., frt. pd..lb. .18 - —
bbls., c.l., (20 tons), frt. pd. lb. .15¼- —
l.c.l., 5 tons, E. frt. pd.lb. .15½- —
Pac. Cst., ex whse..lb. .15½- —
1,000-9,999 lbs., E. frt. pd..lb. .15¾- —
Pac. Cst., ex whse..lb. .15¾- —
50-999 lbs., E. frt. pd.lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
high-hiding, bgs., c.l. (20 tons), frt. pd..lb. .14 - —
l.c.l., 5 tons, frt. pd....lb. .14¼- —
1,000-9,999 lbs., frt. pd. lb. .14½- —
50-999 lb., frt. pd.....lb. .14¾- —
bbls., c.l. (20 tons), frt. pd. lb. .14¼- —
l.c.l., 5 tons, E., frt. pd. lb. .14½- —
Pac. Cst., ex whse. lb. .14½- —
1,000-9,999 lbs., E. frt. pd..lb. .14¾- —
Pac. Cst., ex whse. lb. .14¾- —
50-999 lbs., E. frt. pd. lb. .15 - —
Pac. Cst., ex whse. lb. .15 - —
barium or magnesium base, bgs., c.l., D. frt. alld. lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
Pac. Cst., ex whse....lb. .05½- —
under 50 lbs., E. dlvd.lb. .06¼- —
bbls., c.l., D., frt. alld..lb. .05½- —
l.c.l., E., dlvd.....lb. .05¾- —
Pac. Cst., ex whse...lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06½- —
calcium base, bgs., c.l., D. frt. alld..lb. .05 - —
l.c.l., dlvd.....lb. .05¼- —
Pac. Cst., ex whse....lb. .05¼- —
under 50 lbs., E. dlvd.lb. .06 - —
bbls., c.l., D., frt. alld..lb. .05¼- —
l.c.l., E., dlvd.....lb. .05½- —
Pac. Cst., ex whse....lb. .05½- —
under 50 lbs., E. dlvd.lb. .06¼- —
Tolidin base, distilled, kgs....lb. .96 - —
Tolu, balsam, cns.....lb. 1.60 - 1.70
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable..gal. .32 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
1° nitration, dms., returnable, gal. .33½- —
tanks, E. of Omaha, frt. alld., gal. .28½- —
W. Coast, f.o.b. Minnequa, Colo..gal. .28½- —
Tonga vine, F, bls.....lb. .65 - .70
root, bls.....lb. .65 - .70
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. .80 - .90
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works, lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .78 - .80
tanks .....lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, ton lots, 475 lb. dms..lb. .24 - —
smaller lots.....lb. .26 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works.....lb. .46 - .48
Trichlorobenzene, dms., c.l., frt. alld..lb. .07 - —
l.c.l., same basis.....lb. .07½- —
tanks .....lb. .06½- —
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl citrate, ton lots, 500 lb. dms..lb. .24 - —
smaller lots.....lb. .26 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works ton.16.00 - —
once-grd., bgs., c.l., works.ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem., grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs...lb. .07½- .08
Madras, bgs.....lb. .07¾- .08¼
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .32½- —
l.c.l., 10 ex dock.....gal. .34½- —
5 ex dock.....gal. .36½- —
wood dest., dist., dms., c.l., dlvd. E. ports..gal. .26 - —
l.c.l. .....gal. .28 - —
tanks, dlvd. E. cities..gal. .21 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - 3.05
yellow, kgs.....lb. 1.75 - 2.00
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Searsport, Me., Norfolk, Wilmington, N.C., Charleston, Savannah, Jacksonville, Tampa, Pensacola, Mobile, Gulfport, New Orleans..ton.85.00 - —
5 tons, f.o.b. Baltimore, Boston, New York, Newark, Philadelphia, Wilmington, Del..ton.85.00 - —
less than 5 tons, f.o.b. Newark, New York, Philadelphia..ton.91.00 - —
any quantity, f.o.b. Belle, W. Va..ton.85.00 - —
Import, 40% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton. No price
40% N., bgs., smaller lots, f.o.b. N. Y. from whse. ton. No prices
pure, cs.....lb. .12 - —
Urea-ammonia, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports ton.57.40 - —
bags, same basis.....ton.59.40 - —
Urea-ammonia liquor, basis 45% N., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
basis 37% N (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports.....ton.127.00 - —
Uva ursi leaves, bls.....lb. .12 - .14

V

Valerian root, bls.....lb. .75 - .80
domestic, bls.....lb. .40 - .45
Valonia, beards, bgs., f.a.s...ton.56.00 - —
cups, bgs., f.a.s.....ton.42.00 -44.00
Vanadium pentoxide, C.P., bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.00 - 7.50
Mexican, tins.....lb. 7.25 - 7.50
cuts, tins.....lb. 7.00 - 7.25
South American, tins.....lb. 7.00 - 7.25
oleoresin, bots.....lb.18.00 -19.00

Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins....lb. 2.63 - —
1-lb. tins....lb. 2.75 - —
ex guaiacol, 25-lb. tins....lb. 2.50 - —
5-lb. tins....lb. 2.55 - —
1-lb. tins....lb. 2.65 - —
ex lignin, 25-lb. tins....lb. 2.50 - —
5-lb. tins....lb. 2.55 - —
1-lb. tins....lb. 2.65 - —
Venice turpentine, true, cs....lb. .70 - .75
Verdigris, bbls., kgs....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .14 - —
l.c.l., works....lb. .15 - —
5 gals., dms., works....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls....lb. .45 - .46
tree....lb. .19 - .22
Wattle bark, bgs., f.a.s....ton.37.50 -39.50
Extract, solid, bgs....lb. .03⅞- —
Wax, bayberry, import, bgs...lb. .22 - .23
Bees, white, bleach, slabs, cs., 1 to 5 case lots..lb. .35 - —
cakes, 1 to 5 cs. lots...lb. .36 - —
discs, 1 to 5 cs. lots...lb. .37 - —
yellow, crude, Africa, 10-bg. lots..lb. .23 - .23½
1 bg....lb. .23½- .24
Brazil, bgs, 5-ton lots..lb. .24 - .24½
1 ton....lb. .24½- .25
500 lbs....lb. .25 - .25½
100 lbs....lb. .25½- .26
refd., slabs, cs., lbs....lb. .29 - .31
Candelilla, bgs., 1 ton....lb. .18½- .19
jobbing lots....lb. .19 - .19½
Carnauba, No. 3 chalky, bgs., 1 ton..lb. .48 - .50
5 bgs....lb. .48½- .50½
1 bg....lb. .49 - .51
N. C., 2 bgs., 1 ton....lb. .56 - .57
N. C., 3 bgs., 1 ton....lb. .49 - .51
5 bgs....lb. .49½- .51½
1 bg....lb. .50 - .52
refined, bgs....lb. .55 - .56
yellow, No. 1, bgs., 1 ton..lb. .62 - .64
5 bgs....lb. .62½- .64½
1 bg....lb. .63 - .64
No. 2, bgs....lb. .61 - .63
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .11¼- .12
jobbing lots....lb. .12½- .13
150°-160° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots....lb. .14½- .15
160° m.p., bgs., 1 ton....lb. .13½- .14
jobbings lots....lb. .14½- .15
Japan, cs....lb. .15½- .16
Montan, bgs., c.l....lb. No prices
5 tons....lb. No prices
less than 1 ton....lb. No prices
Ozokerite, hard, green, congeal. p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs....lb. No prices
74°-76° C., bgs....lb. No prices
Snow-white, pure, 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P).
Spermaceti, blocks, cs....lb. .22 - .23
cakes, cs....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .07 - .08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.74 - —
Whiting, chalk, com'l., dry-grd., bip., bgs., c.l., works..ton.16.00 -20.00
l.c.l., works....ton.18.00 -22.00
bbls., c.l., works....ton.19.00 -24.00
l.c.l., works....ton.21.00 -26.00
pap, bgs., c.l., works....ton.15.00 -18.00
l.c.l., works....ton.17.00 -20.00
wet-grnd., bip., bgs., c.l., works..ton.18.50 -22.50
l.c.l., works....ton.19.00 -23.00
bbls., c.l., works....ton.21.00 -25.00
gilder's bolted, bip., bgs., c.l., works..ton.18.00 - —
l.c.l., works....ton.19.00 - —
bbls., c.l., works...ton.20.00 -21.00
l.c.l., works....ton.21.00 -22.00
pap, bgs., c.l., works.ton.17.00 -18.50
l.c.l., works....ton.18.00 -19.00
paris white, bip., bgs., c.l. works..ton.19.00 - —
l.c.l., works....ton.20.00 - —
bbls., c.l., works....ton.22.50 -27.50
l.c.l., works....ton.22.00 -28.00
pap., bags, c.l., works..ton.19.60 -25.10
l.c.l., works....ton.20.00 -26.50
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l. ton. 9.65 - —
200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90%, 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 820 tons, works. ton.12.50 - —
4-8 tons, works...ton.13.50 - —
2-4 tons, works...ton.14.50 - —
extra bgs. (extra), c.l., works. ton.12.50 - —
8-20 tons, works....ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works....ton.13.00 - —
2-4 tons, works....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works....ton.13.50 - —
2-4 tons, works....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works...ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls....lb. .05 - .06
thin, natural, bls....lb. .07 - .08
rossed, green, bls....lb. .10 - .11
Wild indigo root, bls....lb. .13 - .14
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
leaves, bls....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N. Y..ton.24.00 -25.00
80 mesh, same basis....ton.26.00 -28.00
100 mesh, same basis....ton.30.00 -32.00
import, 70 mesh, bgs., ex dock, ton. No prices
80 mesh, bgs., ex dock....ton. No prices
100 mesh, bgs., ex dock...ton. No prices
120 mesh, bgs., ex dock...ton. No prices
Wormseed, American, bgs....lb. .07 - .08
Levant, bgs....lb. 5.00 - 6.00
Wormwood, bls....lb. .18 - .20

X

Xylol (xylene), indus., dms., returnable, works..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
10°, dms., returnable, works.gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
5°, dms., returnable, works.gal. .41 - —
tanks, E. of Omaha, frt. alld..gal. .39 - —
3°, dms., returnable, works.gal. .48 - —
tanks, E. of Omaha, frt. alld..gal. .46 - —
Xylidin, mixed, dms....lb. .35 - .36

Y

Yara yara, cryst., cns....lb. 1.25 - 1.55
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .55 - —
bottles, same basis....lb. .60 - .64
imp., bbl., same basis....lb. .55 - —
Cadmium, CP, import., bxs..lb. 1.35 - 1.40
lithopone, all shades, bbls., 1 ton, works.. frt. alld..lb. .50 - —
smaller lots ,same basis..lb. .55 - —
kgs., ton lots, same basis, lb. .55 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, bbls., works, lb. .75 - —
Yellow chrome, CP., bbls., dlvd., N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul contracts....lb. .13½- —
open order....lb. .14½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden A, bbls., works..lb. .06¼- —
B, bbls., works....lb. .04½- —
C, bbls., works....lb. .05½- —
yellow A, bbls., works....lb. .02½- —
B, bbls., works....lb. .02½- —
C, bbls., works....lb. .02 - —
D, bbls., works....lb. .0195- —
E, bbls., works....lb. .01775- —
F, bbls., works....lb. .01½- —
G, bbls., works....lb. .01½- —
H, bbls., works....lb. .01⅜- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans for import lb. .02475 Nom.
New York (f.o.b.)..lb. .02¾ Nom.
Philadelphia for import..lb. .02¾ Nom.

Vanillin—Yohimbine

Yellow, ocher, French, all shades, cks., c.l., ex dock San Pedro, San Francisco, lb. .0290 Nom.
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575 Nom.
New York....lb. .02¾ Nom.
Phila., for import...lb. .02¾ Nom.
Portland, Seattle....lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03 Nom.
ex whse., Balto., Boston, N. Orleans..lb. .02725 Nom
ex whse., Indianapolis, Kan. City, Milwaukee, St. Louis..lb. .03¾ Nom.
New York....lb. .03 Nom.
Pittsburgh....lb. .03¼ Nom.
Portland, Seattle....lb. .03⅞ Nom.
San Pedro, S. Francisco..lb. .03¼ Nom.
f.o.b. N. Y., from dock, lb. .02⅞ Nom.
from whse....lb. .03¼ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis....lb. .04¾- —
synth., bbls., c.l., works...lb. .06½- —
l.c.l. same basis....lb. .06¾- —
Persian orange (See O).
Yellow, zinc, bbls., same basis, chrome CP, contracts, lb. .18 - —
open order....lb. .19 - —
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .12
Yerba santa leaves, bls....lb. .09 - .10
Yohimbine hydrochloride, via...oz. 2.85 - 4.00

—Continued on page 36

Reichhold

No. 1085 C. P. CHROME YELLOW

No. 1085 Chrome Yellow represents one of the finest lead chromates on the market.

This outstanding chemical color has a vivid, brilliant masstone shade, a clean tint, unusually high tinting strength and excellent light-fastness. No. 1085 also has low absorption resulting in a higher degree of initial gloss in enamels.

No. 1085 Chrome Yellow is another example of the outstanding quality of the Reichhold chemical color line. Your inquiries concerning this or any other Reichhold pigment color are invited.

REICHHOLD CHEMICALS, INC.
Chemical Color Division
General Offices: DETROIT, MICH.
Factory: BROOKLYN, N. Y.

It's an R-C-I Color

CHEMICAL Colors

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Probing of Price Practices

Although current interest is most keenly centered upon the progressing grand jury investigation of pricing practices in the drug trade, this is not the only undertaking by the Federal government to find out wherein pricing methods do not fit into official economic ideas and why. This broader expanse of the probing must be kept in mind or its connotations in any or all of the investigations will not be correctly appraised.

There are other reasons it seems for the popular belief that the "drug trust" probe is primarily an attack on fair trade —and this may be correct, even though fair trade in itself is sanctioned by the law of the land. But, behind this probe there are a large variety of official ideas in the general field of economics and especially in its social areas. This probe derives in part from the official belief that a malevolent medical trust controls the practice of medicine and the public cost thereof in this country. It has roots in many other phases of the general official belief that medical care is not what it should be and is overpriced.

Some evidence is discernible that the probing of the "drug trust" has some relation to the theory adhered to by certain offiicials that there are no such things as dangerous drugs, not even in the category of narcotics—a "dirty" inference could be drawn there—and that nobody, be he citizen or "internationalistic freelance," should be denied full freedom to take whatsoever he will as a "medicine" in whatsoever dose may strike his fancy. The outcome of the probe is likely to be almost anything. It may even be an honest evaluation of the pharmacal service of the nation—if you believe in miracles.

But, that is only one price probe. The Federal Trade Commission has made some and is making many others. And there is about to come a "colossal" study of price problems comprising "all factors, such as taxation costs, amortization, depreciation," to say nothing of advertising, research, and other things officially regarded as nonessentials or economic wastes.

Straitjacketing Advertising

Criticism of the procedure of the Federal Trade Commission in connection with the administration of the advertising-control provisions of the Wheeler-Lea act has been made in the Attorney-General's investigation by representatives of national advertisers. Examination of any batch of orders or stipulations issued in this connection will indicate quite clearly that the advertising profession has a broader ground for complaint.

It is complained by the advertisers that the commission's practice of publishing charges embodied in complaints of advertising misrepresentations before their merits have been determined is unfair to the respondents involved. In large part this complaint rests upon the assertion that such publication affords competitors an opportunity to engage in detraction and disparagement. It would seem that such practices might be brought within the prosecutive purview of the commission under other statutory provisions in which it has authority. Of course actions on such bases would of themselves be what has aptly been called "badvertising." Undoubtedly it would be better all around if the opportunities could be cut off.

There is, in fact, very little advantage for the public welfare in prematurely posting an advertiser as one suspected of misrepresentation. The crime, if any can be proved, is not of such public seriousness as to justify the casting of suspicion while a shade of doubt exists. The number of advertising complaints published before trial may be sufficient to justify the complaint against F.T.C. procedure. Certainly the public has a bigger number of indicative tags in the many stipulations which advertisers enter into with the commission, and the number of cease and desist orders is far from small. The commission should be getting enough publicity from these completed cases for its vigorous enforcement functioning, and might well forego the additional notices which are potential of lasting detriment to innocent parties.

Complaint by the advertising profession with reference to the functioning of the Federal Trade Commission would find foundation in the patent fact that every successive stipulation or cease and desist order appears to take more and more from the freedom of speech with which an article of commerce may be promoted. The proscriptions in some instances have reached almost to the exclusion of ordinary puffery. If they are carried much farther, the advertising profession may find itself without occupation; it is already almost impossible legally to say about certain classes of articles anything that particularly applies to them. The sometime belief that the Federal Trade Commission was "agin'" advertising from A to Z may not be wholly fallacious.

—O-P-D—

Too Much Petroleum

The crude petroleum market is always a buyers' market. The refiners who purchase crude oil more or less directly set the price that they will pay. This gives the industry a peculiar method of controlling production—a method which is not, however, so simply effective as it would appear. Buyers do not think or act in harmony—in spite of governmental charges of collusion in various respects. Refiners put the check on producers instead of on themselves.

Petroleum refining is now so extensively controllable by chemical and physical means that any desired ratio may be maintained among the several products. Field control, although not universal, can put a substantial curb on crude output. Export markets for petroleum products have been seriously curtailed. If there was anything like the alleged concert in the industry, it would not be necessary to cut prices of crude; understanding of conditions would be sufficient to control. Crude oil can be kept economically in the ground. Common sense should dictate at this time the wisdom of keeping it there.

—O-P-D—

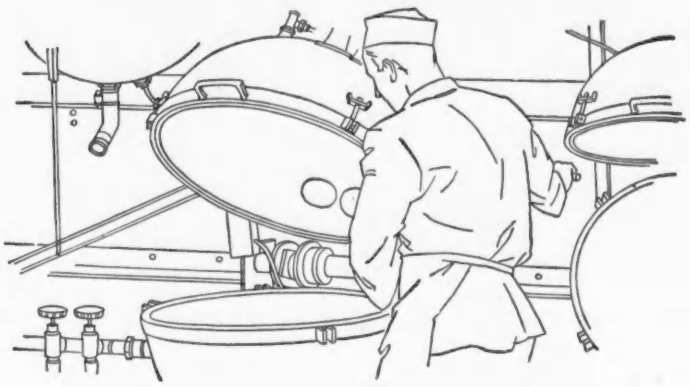
Economic Syllogisms

Syllogistic reasoning does not come a cropper from the invalidity of its premises nearly so often as it does from conclusions which do not follow. And any proposition can be rendered untenable by being reduced to absurdity with no constructive purpose and no regard for the fact that the point of diminishing returns is not confined to the financial phases of economics.

So it is that the reader who comments (on page 4) on a syllogism recently posed herein appears to miss the point because he wants to. He disregards the premise that demand is all important in business functioning — that there is no profit, no sustenance, in producing what cannot be sold because of lack of the wherewithal of buying. And he poses the desirability and necessity of increasing productivity without concern for the existence of commensurate consumption. At the moment the petroleum industry for one, would like very much to learn how it could improve its lot by adding still further to its already overburdening production without a market.

It is difficult to reconcile the commentator's easy reference to a doubling of the billions of national income with the fact that today's dollar, on the basis of the National Industrial Conference Board's index of the cost of living, is worth 16.8 percent more than was the dollar of 1929. It is the undeniable experience of all industry that increasing production beyond consuming capacity devalues products and services. And it cannot today be said of the United States as it was said of France in the crisis of late 1938 that the "gravest failure" is the "persistently low level of production." Any higher level of production here would call for a universal application of the governmental commodity loan system.

It is to be hoped, as the commenting reader says, "that no substantial portion of either industrial management or labor may be convinced by your editorial that they can sit back complacently in contemplation of the security which the use of your simple formula gives them." Any such proffer of unearned security must be wholly inferred — it was not made in the editorial, which, on the contrary, declared that management and labor must cooperate to provide more employment. That cannot be done by sitting back in complacent contemplation. And there can be no justification of more production until more people have more money with which to do more buying.



A Tribute to the Confectionery Industry

There are men and women yet alive who can remember when the tradition still persisted that the only really fine confections were imported confections. The astonishingly rapid growth of the domestic confectionery industry in both size and prestige has been due to the courage and integrity of the men who developed this industry with its modern high standards of quality and purity. Chas. Pfizer & Co. is proud to have served this great industry continuously, almost since its inception—and particularly proud of the fact that Pfizer's own rigidly high standards have contributed to the fine quality and purity of products which are so vitally related to the national health, especially the health of the nation's children.

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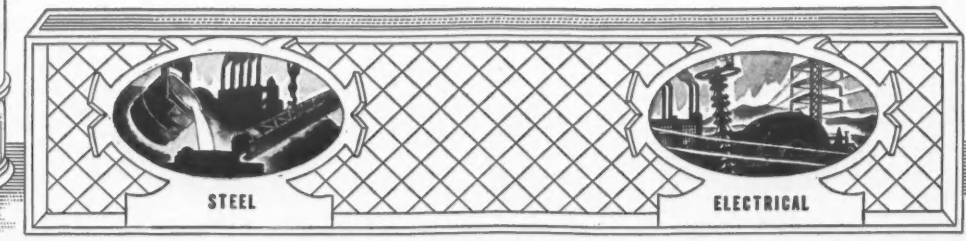

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Heavy Chemicals

Business Lacks Expansion—Seasonal Chemicals Move Normally —Barium Nitrate Higher — Electrolytic Copper Weaker —Copper Sulphate Position Favorable—Potash Salts Firm

Demand for heavy chemicals lacked any definite broadening last week. Shipments held up well in most products, however, some thinning out was noticeable in others. Most of the spottiness could be accounted for by the uncertainty surrounding political developments here and the situation abroad. Consensus was, nevertheless, that volume would remain at satisfactory levels, and gradually expand when the full effects of the defense program was felt in the various consuming industries. Seasonal chemicals moved in normal fashion. Export inquiries, aside from Europe, were regarded as satisfactory. Price movements lacked much feature, as is characteristic of this time of the year, but the tone of the market was firm.

Weakening in domestic copper had no repercussions as yet on copper sulphate or other copper derivatives. The former was in a strong statistical position. Heavy withdrawals, both from domestic and export sources, prevented any accumulation of stocks. The recent advance in the English market had no immediate effect on the export market here. It was explained that the market abroad has been subsidized by the government, and shipments to South America made competition very difficult. However, most of the exports from here recently have been going to Central American countries.

Red phosphorus was in heavy demand for export, but offerings from domestic channels were scant. The few shipments available passed at levels greatly in excess of domestic quotations. Much the same situation prevailed in potash chlorate, since imports have declined considerably, sellers were cautious in accepting any new business. Producers of carbonate and caustic potash were busily engaged in filling domestic commitments, and displayed little interest in export inquiries.

Alums.—Prices well maintained. Spot and contract withdrawals moderately active.

Alumina Sulphate.—Commercial and iron free in favorable position. Shipments steady. Imports into Cuba during 1939 totaled 3,235 metric tons, of which the United States furnished 2,310 tons and Germany 865 tons.

Ammonia, Anhydrous.—Normal demand for refrigerating purposes, other inquiries improved. Market position firm. Rubber industry in Sumatra is a large user of cylinders and during 1939 imported 2,248,207 kilograms; United States supplied 1,051,888 kilograms and Germany 693,927.

Ammonia, Aqua.—Shipments moved against contracts in satisfactory volume. No change was divulged in the quotations.

Ammonia Bicarbonate.—Consumers made replacements on a fair scale. Pricewise a firm tone prevailed.

Ammonia Bifluoride.—Trading quiet. Prices were without alteration.

Ammonia Nitrate.—Good inquiry, with shipments steady to regular channels. Market position firm.

Ammonia Perchlorate.—Sellers limit purchases to normal requirements, with spot offerings small. Prices unchanged and firm.

Ammonia Persulphate.—Steady interest for modest quantities was the rule in this direction. Prices underwent no change.

Ammonia Silicofluoride.—Domestic offerings adequate to cope with the demand, offerings from abroad negligible. Prices hold firm.

Ammonia Sulphocyanide.—Outlook for increased domestic output encouraging factor; imports declining recently. Prices firm. Imports during 1939, 240,184 pounds, against 136,053 pounds in 1938 and 82,536 pounds in 1937. Germany and the United Kingdom principal suppliers.

Ammoniac, Sal.—Buying failed to broaden to any degree. Market enjoyed favorable position, however, and prices were well sustained.

Antimony.—Domestic spot metal unchanged. Inquiries confined to small lots as a rule.

Antimony Oxide.—Demand only fair. No further price fluctuation was disclosed.

Arsenic.—Buying of white was steady for nearby needs. Market was in firm position; supplies of red negligible.

Barium Carbonate.—No further price change uncovered. Shipments moved in most directions at a moderate pace.

Barium Chloride.—A steady to firm price tone prevailed, with interest fair.

Barium Hydrate.—Consumers entered market for moderate quantities. Prices held at the same levels.

Barium Nitrate.—Price 2c. higher at 10½c. per pound. Demand steady.

Bleaching Powder.—Spot and contract demand moderate. Less export inquiry. Pricewise a firm tone predominated.

Calcium Acetate.—Dealings along routine lines. Quotations in line with those prevailing previously.

Calcium Carbide.—Domestic interest fair, with satisfactory export inquiry. Prices rule firm. Japan produced 265,000 tons in 1939, against 400,000 tons in 1938 and 442,000 tons in 1937. Capacity is estimated at 700,000 tons.

Price Changes

Advanced

Barium nitrate, 2c. per lb.

Reduced

Copper, electrolytic, ¼c. per lb.
Tin, Straits, ⅝c. per lb.
tetrachloride, anhy., ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
151.4	**151.4**	**150.8**	**146.8**

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.6	**101.6**	**101.6**	**99.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—
DCAT outing, Oct. 18-19, Skytop.
Pest Control Association, Oct. 28-30, Indianapolis.

Calcium Chloride.—While weather conditions were unfavorable in many sections, movement for dust control purposes held a reasonably good level. Market lacked any price change.

Carbon Bisulphide.—Domestic shipments moderately active. Export inquiries fairly steady. Prices without change. Japan produced 95,000 metric tons in 1939, a decline of 10 percent from the preceding year.

Carbon Dioxide. — Seasonal movement in some lines kept market in favorable position. Prices without alteration.

Chlorine.—Market firm. Demand for commercial and water treating purposes satisfactory.

Cobalt Oxide.—Shipments continued limited to regular consumers for normal requirements; imported supplies adequate for the time being. Prices unchanged and firm.

Copper. — Smelters offerings range from 10¾c. to 10⅞c. per pound. Primary producers retain 11½c. level. Outside market 10¾c. to 10⅞c. per pound, while export held at 10¼c. per pound. Market quiet.

Copper Salts.—Prices held steady to firm in practically all derivatives. Demand was spotty, and usually confined to nearby needs.

Copper Sulphate. — Market position strong; heavy domestic and export consumption kept stocks from accumulating. Current business very favorable, both agricultural and commercial. May exports, 5,612,827 pounds, valued at $240,077, of which the bulk went to Guatemala and Honduras.

Feldspar.—Satisfactory inquiry, with shipments moving well in certain directions. Prices rule unchanged.

Fluorspar.—A firm tone was evident for most grades, with demand steady.

Glauber's Salt.—A steady to firm tone governed the dealings. Transactions continued spotty.

Lead Acetate. — Market a routine affair. Pricewise no change transpired.

Lead Nitrate.—Not much new buying developed. However, prices were well retained.

Lime.—Agricultural and commercial demand moderately active. There was nothing new to divulge in the prices.

Magnesite. — Domestic material encountered a good inquiry, with future promising. Market in strong position and prices firm.

Manganese Salts.—Offerings of most derivatives confined to regular channels for normal requirements. Market underwent no further price change, but tone was one of firmness.

Methyl Chloride. — Call for refrigerating and other purposes was moderate. Prices ruled unchanged.

Nickel Salts. — Shipments moved against contracts steadily. Prices without change and firm.

Phosphorus.—Offerings of red limited; small quantities available for export at premium levels. Exports from France for first seven months of 1939 totaled 212.7 metric tons, against 199.7 for entire 1938 year.

Potash Carbonate.—Market received steady support from regular consumers to keep position firm. Quotations without change; little offered for export.

Potash Caustic.—A firm price tone prevailed, with shipments steady against contracts. Sellers showing small interest in export business.

Potash Chlorate.—Spot and export offerings limited; usual consumers supplied for normal needs. Supplies adequate for present requirements.

Potash Cyanide.—Domestic material received satisfactory inquiry; offerings of imported confined to regular channels as a rule.

Potash Permanganate.—Market position favorable, with moderate quantities available for export. Price tone firm.

Saltcake.—Inquiries from paper industry good. Shipments of imported limited; domestic supplies adequate. Prices firm.

Soda Acetate.—A steady to firm price tone prevailed. Shipments were routine.

Soda Ash.—Shipments moved at a satisfactory pace in most directions. Export inquiries about normal. Prices without change.

Soda Bicarbonate.—Steady interest from regular channels. Prices unaltered.

Soda Bifluoride. — Fair interest. Pricewise a firm tone prevailed.

Soda Bisulphite.—Shipments moved at a moderate pace. No change was disclosed in the quotations.

Soda, Caustic.—Demand remained moderately active. Satisfactory export business. Prices lacked any change. Italian shortage of caustic soda for fiber plants has been averted by importations from French producers. Coal shortage previously had limited Italian output.

Soda Chlorate.—Seasonal demand for weed killing gave market ample support. Prices lacked any new developments.

Soda Cyanide. — Market position strong, domestic shipments steady, and export inquiries fairly active. Prices unaltered.

Soda Hydrosulphite. — Firm price tone. Demand steady for moderate quantities.

Soda Metasilicate.—Moderate demand. Pricewise a firm tone prevailed.

Soda Nitrite. — Inquiries fairly steady, and shipments sufficient to keep market position steady to firm.

Soda Phosphate.—Buying routine. Fair export inquiry. Prices without change.

Soda Silicate. — Shipments moved against contracts in a steady manner. There was nothing new to report in the prices.

Soda Silicufluoride.—With imported material gradually being depleted, further strength developed in the market. Domestic business confined to normal channels.

Soda Sulphite.—Market in firm position. Shipments moved at a good pace in most directions.

Sulphur, Refined.—Buying spotty. No change occurred in the prices, and a steady to firm tone governed the dealings.

Tin Salts.—Anhydrous tetrachloride of tins declined ¼c. to 25¼c. per pound. Straits metal held around 51c. per pound. Malayan tin quota for third quarter of 1940 has been increased to 100 percent from 80 percent of domestic assessments.

Zinc Acetate. — Prices rule unchanged. Small lots made up the call.

Zinc Sulphate.—Shipments moved at a steady pace. Prices were well maintained, with tone of market firm.

Acids

Buying in the market for mineral acids held at moderate levels last week. Replacements were made steadily, with the disposition to keep commitments in line with nearby needs. Certain acids such as formic, oxalic and sulphuric were in good demand for export. In the case of formic sellers were well booked ahead for export, while oxalic offerings were not large in view of the domestic situation. Prices failed to change in either direction, but the general tone was one of firmness.

Acetic.—Replacement buying held at moderate levels. Prices unchanged and steady.

—Continued on page 30

Sodium Pyrophosphate Uses Discussed in New Booklet

The characteristics and uses of tetrasodium pyrophosphates are discussed in a booklet just published by the American Cyanamid & Chemical Corporation. The compound, due to its value as an emulsifier and as a water softening agent, has been indicated as a detergent aid. Its mild alkalinity is said to make it especially desirable in the washing of wool, silk and artificial silk.

In addition to its use as a textile detergent, tetrasodium pyrophosphate has also found application in clay refining, dairy cleaning, and asphalt emulsions. A copy of the booklet describing Aero brand tetrasodium pyrophosphate may be secured by addressing the American Cyanamid & Chemical Corporation, 30 Rockefeller Plaza, New York, N. Y., mentioning the REPORTER.

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Heavy Chemicals

Acids

—*Continued from page 29*

Battery.—Market a routine affair. Prices lacked any change.

Chromic.—Prices rule firm. Shipments steady.

Formic.—Sellers well sold ahead for export, domestic business favorable. Prices firm.

Gallic.—Market position strong. Demand fair.

Hydrofluoric.—Prices without change and firm. Moderate buying.

Lactic. — Transactions irregular. Quotations in line with those prevailing previously.

Muriatic.—Interest steady. Price-wise a firm tone prevailed.

Nitric.—Firmness characterized the trading. Shipments steady.

Oxalic.—Offerings for export small, with domestic consumption sufficient to absorb most available supplies. Prices rule firm.

Phosphoric.—Market routine. Prices without change.

Sulphuric.—Market received satisfactory support from some heavy industries, while others lagged. On the whole volume was considered favorable. Prices were the same, and a firm tone ruled.

Baltimore, July 17.—Market for sulphuric acid dull despite the fact that some of the industries which use acid in large quantities are going ahead at impressive speed. At any rate, the quotations on acid remain unchanged at $12 per ton for 60-degree and at $15 per ton for 66-degree acid. Oleum remains at $17 per ton for 20 percent supplies.

Insecticides

Demand for agricultural insecticides and fungicides lacked any particular broadening last week. Weather conditions so far have not favored any widespread infestations. Crop pest No. 1 of this year, the lesser migratory grasshopper, is now largely under control in the five most severely infested Montana Counties, as a result of an intensive campaign by the Federal Government, States Agencies and the farmers, according to the Department of Agriculture. Low temperatures retarded growth of some crops in the Eastern section. Rain has been scanty in some principal producing areas, while in others, particular the South, rainfall has been very heavy. The market was devoid of any new price developments, and quotations generally were steady to firm.

Bordeaux mixture. — Fair demand. Prices without change and firm.

Calcium Arsenate.—Shipments moderate. Prices lacked any change. May exports 181,312 pounds, valued at $3,620.

Lead Arsenate. — Interest spotty. Quotations steady to firm. May exports 175,177 pounds, valued at $16,150.

Nicotine Sulphate.—Consumers made conservative purchases. Prices rule firm. May exports 65,222 pounds, valued at $38,503.

Paradichlorobenzene. — Shipments moderately active. Prices unchanged.

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N-(4-Acetoacetamidophenyl)morpholin

Photographic

Color-former (Brit. 497463 and 497698) in—
Color photography.

Amylphosphoric Acid

Chemical

As a solvent
Reactant in—
Organic syntheses

Metal Fabrication

Degreasing agent for—
Metals and metal products
Flux in—
Soldering processes
Rust remover

Miscellaneous

Degreasing agent for—
Metals
Various purposes
Flux in—
Soldering preparations
Rust remover

Beta'-diethylaminoethyl-betavinyl Propionate

Pharmaceutical

Claimed (Brit. 483704) as—
Medicinal agent having marked spasmolytic properties and only very slight toxicity

Diacetylbenzidin

Photographic

Fog inhibitor (Brit. 481699) for—
Ultrasensitive silver salt emulsions

Glyceryl Monostearate

(Glycerin Monostearate, Glycerin Stearate, Glycerol Monostearate, Glycerol Sterate, Glyceryl Stearate, Monostearate de Glycerine, Monosteryl Glycerin, Monosteryl Glycerol, Stearate de Glycerine, Stearinsaeuresglycerin, Stearinsaeuresglyceryl, Stearinsaeuresoelsuss, Talgsaeuresglycerin, Talgsaeuresglyceryl, Talgsaeuresoelsuss)

Ceramic

Binder for—
Clays (prior to firing)

Cosmetic

Ingredient of—
Cosmetic emulsions
Creams of various sorts
Lipsticks
Ointments

Dental Surgery

Ingredient of—
Dental waxes

Electrical

Impregnating agent for—
Insulations
Waterproofing agent for—
Condensers Insulations

Food

Thickener in—
Cooking oils and fats
Shortenings

Lubricant

Ingredient of various lubricants

Miscellaneous

Ingredient of—
Emulsions for various purposes
Polishes of various sorts, such as automobile, furniture, floor
Waterproofing compounds
Thickening agent for various purposes
White wax offering following properties—
Contains no free alkalies or amines
Dispersible in water
5-Percent dispersion in water has a pH of 8.5

Pharmaceutical

Suggested for use in—
Creams Salves
Ointments

Glyceryl Ricinoleate

Miscellaneous

Light-amber colored oil offering following properties—
Forms milky emulsions with cold water
Readily miscible with alcohols, hydrocarbons, solvents, and oils
Self-emulsifying

6-Methylbetahydroxyethylquinaldinium Methiodide

Pharmaceutical

Claimed (Brit. 495783) as—
Therapeutically valuable agent (trypanocide) advantageous in being more soluble and less toxic than known 2-styrylquinolinium salts

2-Methyl-1:4-naphthoquinone

Pharmaceutical

Suggested for use in—
Vitamin K therapy
Suggested for use in treatment and prophylaxis of—
Hemorrhagic conditions associated with subnormal blood prothrombin content
Synthetic compound claimed to have—
Physiologic properties of naturally occurring vitamin K

Methyl Stearate

(Methylstearat, Stearate de Methyle, Stearate Methylique, Stearinsaeuresmethyl, Stearinsaeuresmethylester)

Dye

Carrier for various dyes

Fats, Oils, and Waxes

Softener for—
Waxes

Ink

Plasticizer in—
Duplicating inks
Stamping inks

Leather

Softener for—
Leathers

Lubricant

Emulsifier and carrier in—
Special lubricants

Miscellaneous

Plasticizer and softener in—
Carbon paper
Coatings and coating compositions of various kinds
Duplicating compositions
Stencil sheets
Typewriter ribbons

Resins

Softener for various resins

Rubber

Plasticizer and softener for—
Rubber

Textile

Carrier for various dyes

Para-para'-isopropylidene-bis-phenol

Resins

Reactant in making—
Phenolic type resins

Propyl Aminobenzoate

Pharmaceutical

Claimed as—
Topical anesthetic, nonirritating and nontoxic
Suggested for use in treating—
Burns Sunburn
Eczema
Suggested ingredient of—
Coughdrops Pharmaceutical preparations
Creams Suppositories
Lozenges Syrups
Ointments

Sodium-Ethyl Oxalacetate

Chemical

Reactant in—
Organic syntheses

Dye

Intermediate in making—
Tartrazin and other pyrazolone dyestuffs

Sorbitol Hexa-acetate

(Acetate Sorbique, Acetate de Sorbite, Acetate de Sorbitol, Essigsauressorbitester, Essigsauressorbitolester, Sorbitacetat, Sorbitazetat, Sorbite Acetate, Sorbite Hexa-acetate, Sorbitol Acetate, Sorbitolacetat, Sorbitolazetat)

Cellulose Products

Stiffening modifier for—
Cellulose acetate articles

Chemical

Latent organic soluble form of sorbitol for use in organic syntheses

Paint and Varnish

Stiffening modifier for—
Cellulose acetate lacquers

Plastics

Stiffening modifier for—
Cellulose acetate plastics

Sorbitol Oleate

Miscellaneous

Emulsifying agent for forming—
Water-in-oil emulsions

Tetrahydrofurfuryl Xanthate

Mining

Collector (U.S. 1933179) for—
Copper sulphide ores

Titanium Tetrachloride

(Cloruro de Titanio, Cloruro di Titanio, Tetrachlortitan, Tetrachlorure de Titane, Titantetrachlorid)

Cellulose Products

Starting point (U.S. 1906148 and 1906149) in making—
Delustring agents for acetate rayon

Ceramic

Process material in making—
Iridescent and luster colors on ceramic products

Chemical

Catalyst in making—
Metaldehyde (U.S. 1467733)
Process material in making—
Catalysts used in making ammonia (U.S. 1141948 and 1159365)
Glutaric acid (U.S. 1315011)
Reactant (Brit. 479470) in making—
Titanic acid tetraesters with—
Amyl alcohol
Butyl alcohol
Decyl alcohol
Dodecyl alcohol
Ethyl alcohol
Heptyl alcohol
Hexyl alcohol
Methyl alcohol
Nonly alcohol
Octyl alcohol
Propyl alcohol
Starting point in making—
Titanium dichloride (U.S. 1173012)
Titanium dioxide (U.S. 1189229 and 1223358)
Titanium hydroxide (U.S. 1504673)
Titanium oxide (U.S. 1315011, 1343446, 1359191, and 1504673)
Titanium salts
Titanium trichloride (U.S. 1173012)

Dye

Precipitant (Brit. 462968) for dyes in making—
Color lakes (used alone or in conjunction with other precipitants)
Precipitant (Brit. 462968) in making color lakes having—
Excellent fastness to light
Improved brilliance
New properties in the case of acid dyestuffs, such as very attractive hues, which may differ from those otherwise obtainable, improved brightness, greater fastness to light
New properties in the case of basic dyestuffs or their leuco compounds, such as excellent fastness to light and particularly improved color strength and brilliance and other desirable qualities
Splendid color strength
Very desirable texture
Precipitant (Brit. 462968) in making—
Color lakes, with glycerin, glycol, or other organic hydroxy compounds (claimed to give considerable increase in the percentage of the dyestuff precipitated over that obtainable by precipitants previously employed)

Electrical

Process material in making—
Electrodes for arc lamps (U.S. 1158997)
Filaments for electric lamps (U.S. 1149701)

Glass

Process material in making—
Iris glass
Iridescent effects on glass

Metallurgical

Starting point (U.S. 1173012, 1306568, 1373038, and 1497417) in making—
Titanium

(To be continued)

Triethanolamine Bicarbonate

Miscellaneous

Absorbent (U.S. 1934472) for—
Carbon dioxide
Remover (U.S. 1934472) of—
Carbon dioxide gases from—
Flue gases and stack effluents

1:3:5-Triethyl-5-piperidinobarbituric Acid

Pharmaceutical

Claimed (Brit. 414293) as—
Medicinal agent having good hypnotic properties but low toxicity

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Cottonseed Crushings Smaller

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held, from August 1 to June 30, 1940, and 1939, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed, and Held

	Tons					
	Received at mills* Aug. 1 to June 30.		Crushed Aug. 1 to June 30.		On hand at mills June 30.	
	1940.	1939.	1940.	1939.	1940.	1939.
United States	4,053,256	4,208,304	4,109,491	4,400,486	64,391	139,428
Alabama	200,790	309,375	211,010	307,873	695	13,463
Arizona	89,119	81,874	91,743	81,294	.....	3,071
Arkansas	455,391	458,127	449,001	469,627	10,445	8,722
California	165,521	158,915	166,488	170,600	3,906	10,629
Georgia	384,421	364,977	396,947	364,599	1,665	15,672
Louisiana	220,964	186,403	220,250	191,869	1,261	416
Mississippi	624,433	664,296	629,921	669,819	16,305	36,275
North Carolina	167,216	143,837	163,931	150,346	4,534	1,286
Oklahoma	153,850	178,522	153,673	181,143	974	1,049
South Carolina	236,874	179,654	237,292	180,447	482	759
Tennessee	336,342	355,849	331,616	350,672	7,662	8,787
Texas	910,171	1,026,807	948,902	1,170,473	16,337	37,407
All other States	108,164	99,668	108,717	102,724	125	2,492

* Includes none and 5,508 tons seed destroyed at mills, but not 120,626 and 337,118 on hand Aug. 1 nor 37,478 and 72,031 reshipped for 1940 and 1939, respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand Aug. 1.	Produced Aug. 1 to June 30.	Shipped out Aug. 1 to June 30.	On hand June 30.
Crude oils, pounds—				
1939-1940	*72,066,763	1,311,251,475	1,338,904,131	*65,392,844
1938-1939	33,833,717	1,386,791,764	1,330,350,169	89,095,648
Refined oil, pounds—				
1939-1940	†560,035,317	‡1,242,088,238	.....	†554,274,739
1938-1939	487,927,952	1,254,947,861	.....	616,859,058
Cake and meal, tons—				
1939-1940	119,718	1,862,625	1,871,837	110,506
1938-1939	214,611	1,900,222	2,053,987	150,846
Hulls, tons—				
1939-1940	77,087	1,043,027	1,086,758	33,356
1938-1939	133,153	1,142,908	1,179,265	96,796
Linters, running bales—				
1939-1940	479,316	1,063,044	1,362,258	180,102
1938-1939	457,464	1,095,115	1,006,122	546,457
Hull fiber, 500-lb. bales—				
1939-1940	24,931	39,062	53,383	1,610
1938-1939	30,534	36,424	41,032	25,926
Grabbots, motes, etc., 500-lb. bales—				
1939-1940	30,452	49,119	64,816	14,945
1938-1939	36,592	55,135	58,117	33,610

* Includes 5,986,685 and 26,814,202 pounds held by refining and manufacturing establishments and 13,594,470 and 13,745,690 pounds in transit to refiners and consumers August 1, 1939, and June 30, 1940, respectively.

† Includes 13,471,938 and 12,465,076 pounds held by refiners, brokers, agents and warehousemen at places other than refineries and manufacturing establishments and 3,292,550 and 4,557,673 pounds in transit to manufacturers of shortening, oleomargarin, soap, etc., August 1, 1939, and June 30, 1940, respectively.

‡ Produced from 1,316,491,918 pounds of crude oil.

National Gas to Merge With Industrial Gases

Directors of the National Cylinder Gas Company, Chicago, and of the Compressed Industrial Gases, Inc., Chicago, have signed an agreement of a merger. The agreement of the merger will be submitted to stockholders of both companies for approval August 27. Under the provisions of the agreement, the National Cylinder Gas Company, the continuing company, would exchange 1.45 shares of its stock for each share of Compressed Industrial Gases, except treasury stock.

Acrylonitrile Output Up

Production of acrylonitrile, essential intermediate in the manufacture of synthetic rubber, is being doubled to meet increasing need for this product, according to B. W. Henderson, manager of the rubber and rubber chemicals division of the American Cyanamid & Chemical Company, this city.

Acrylonitrile, derivative of cyanamide and butadiene, made from petroleum, are combined to make the most useful of the newer synthetic rubbers now being produced in the United States, Mr. Henderson explained.

High resistance to oils and solvents possessed by acrylonitrile rubbers assures their use in industry where natural rubber fails because it is softened and weakened by contact with these materials. This advantage of synthetic products of this type makes them useful even at a price several times that of natural rubber, Mr. Henderson added.

Chemical Salesmen's Golf Winners Lead by Slater

Prize winners at the second golf tournament of the Salesmen's Association of the American Chemical Industry, held at the Canoe Brook Country Club, Summit, N. J., July 16 follow:—

Class A:—Charles Slater, of the J. T. Baker Chemical Company.

Class B:—Ira Vandewater, of R. W. Greeff & Co.; second, Al. Leith, of the Dow Chemical Company.

Kickers:—Bart Sheehan, of the Grasselli chemical department of E. I. du Pont de Nemours & Co

Other prize winners were:—Walter Schappa, of the Grasselli chemical department of E. I. du Pont de Nemours & Co.; Walter Merrill, of Joseph Turner & Co., Ridgefield, N. J.; Edward S. Burke; William Neuberg, of the Neuberg Chemical Corporation, and R. W. Moister, jr., of the Michigan Alkali Company, and C. F. Smith.

Phil Lo Bue of Joseph Turner & Co., who is chairman of the entertainment committee, reported that more than 100 members and guests were in attendance.

Salt Freights Revised

Albany, July 17, 1940

The New York Public Service Commission has approved an amendment to the commodity freight tariff of the Erie railroad on salt and salt compounds, as described in tariff, from Retsof, Silver Springs and Watkins Glen to points in official territory. Present rates on salt made applicable when in fused blocks, and rates on a mixture of food curing or flavoring ingredients, such mixture to be not in excess of 10 percent of the net weight of the compounds. Effective July 23.

Exports and Imports for Ten Months Ended May 31

	1940.	1939.
Exports—		
Oil, crude, pounds	5,001,441	150,050
Oil, refined, pounds	12,523,076	3,358,393
Cake and meal, tons of 2,000 pounds	6,711	14,948
Linters, running bales	289,526	178,483
Imports—		
Oil, crude,* pounds	none	714,800
Oil, refined,* pounds	9,836,935	56,634,016
Cake and meal, tons of 2,000 pounds	8,516	4,314
Linters, bales of 500 pounds	55,449	42,438

* Amounts for June not included above are 275,000 pounds refined, "withdrawn from warehouse for consumption." and 696,845 refined, "entered for warehouse."

Dyestuffs, Textile and Leather Chemicals

Transactions Conservative — Bichromates Moderately Active —Mangrove Bark Easier—Wattle Bark Extract Prices Lower —Dyestuffs Dull—Sizing Materials Steady to Firm

Transactions in the market for dyestuffs, textile and leather chemicals were conservative last week. Buyers continued to make purchases when needs became urgent, and lacked any indication of ordering ahead in view of the uncertainty, especially in regard to the International situation. Domestic outlook, while still promising in certain consuming lines, gave little signs of rapid expansion for the present. Price fluctuations were narrow, and confined to tanning materials.

Bichromates, in the chemical division, received moderate support. Export inquiries were maintained at fair levels, with not too much difficulty experienced as yet in obtaining export licenses. Prussiates displayed a strong price tone, but lacked any specific change. An easier tone was evident in sulphonated castor oil in view of the sharp decline in the raw material. Natural dyestuffs were dull and devoid of any price developments. No fluctuations occurred in sizing material quotations, however, some firm spots were discernible in certain imported items such as potato dextrin, rice starch and tapioca flour. Mangrove bark scored the only decline in raw tanning materials, while liquid and solid wattle bark extracts were lowered fractionally.

Raw tanning materials imports in May totaled 3,355,266 pounds, valued at $96,026, against 11,910,979 pounds, valued at $188,942 in May, 1939, according to the Department of Commerce. Volume of imports in the first five months of this year amounted to 47,425,737 pounds compared with 60,912,-722 pounds in corresponding period a year ago.

Chemicals

Alumina Acetate. — Business only fair. Prices hold at same levels.

Alumina Chloride.—Little broadening in the demand discernible. Prices rule unchanged.

Ammonia Acetate. — Transactions conservative. Prices lacked any change.

Ammonia Bichromate.—Small lots continued to make up the call.

Antimony Salts.—Trading lacked much feature. Prices unaltered.

Chrome Acetate.—Market routine. Prices steady to firm.

Potosh Bichromate.—Moderate interest against contracts. Fair export inquiry. Pricewise a firm tone predominated.

Potash Prussiate.—Market position strong. Demand moderate to regular channels. Supplies of imported red small.

Soda Bichromate.—Business moderately active. Satisfactory export inquiry. Prices rule firm.

Soda Prussiate.—Dealings routine. No change was disclosed in the prices.

Sulphonated Oils.—An easier tone prevailed in the castor oil as a result of the lowering of the basic commodity price structure. Prices for the olive and tallow held about steady.

Zinc Dust.—A firm price tone remained in evidence. Business fairly steady.

Dyestuffs

Annatto. — Withdrawals held to minimum. Prices were the same.

Cochineal.—Consumers made only necessary purchases. No change in the quotations.

Fustic.—Interest fair. Sellers adhered to quotations in force previously.

Hypernic.—Market devoid of any new feature. Prices were firm.

Indigo.—Trading dull. Quotations unchanged and firm.

Logwood.—Business routine. Prices continued firm. May exports of extract 27,291 pounds, valued at $4,774, of which 26,278 pounds went to Canada.

Madder Dutch.—Market a dull affair. Prices without alteration.

Price Changes

Advanced

None

Reduced

Mangrove bark, $2 per ton.
Wattle bark, ext., ⅝c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
144.6	144.6	144.9	135.9

Market news that may have developed after this report was sent to press will be found on page 4.

Turmeric.—A firm price tone prevailed, but interest was not very broad.

Sizing Materials

Albumen, Blood. — Business remained steady. Prices unchanged and firm.

Albumen, Egg. — Inquiries light. Quotations about steady and unchanged.

Corn Sugar.—Bookings only fair. Prices without any new developments.

Dextrin, Potato.—Price nominal and unchanged. Business moderate.

Egg Yolk.—Little activity took place. Price tone steady to firm.

Sago Flour.—Market a routine affair. No change in the quotations.

Starch, Corn.—Consumers cautious in making purchases. Pricewise no change occurred. Visible supplies of corn in week ended July 13 decreased 822,000 bushels.

Starch, Potato. — Domestic material retained firm tone, but failed to change. Good inquiry.

Starch, Rice.—No new price developments, with tone steady to firm. Business moderate. Argentine Ministry of Agriculture placed rice production in that country for 1939-40 period at 103,000 tons. Internal consumption estimated at 80,000 to 90,000 tons yearly.

Starch, Sweet Potato. — Market in strong position; stocks not large. Prices nominal.

Starch, Wheat.—Market retains its former level, despite fluctuation in basic commodity. Fair interest.

Tapioca Flour.—Firm price tone, with inquiries at satisfactory levels.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Textile Chemists and Colorists, Oct. 18-19, New York.

Tanning Materials

Chestnut Bark. — Transactions routine. Prices remain the same.

Cutch.—New business not active. No change in the prices.

Gambier.—Prices rule nominal. Not much interest reported.

Hemlock Bark. — Consumers made necessary replacements. Prices unchanged.

Hematine. — Business lacked any broadening. Quotations unaltered.

Mangrove Bark.—Price $2 lower at $35 per ton. Fair inquiry.

Oakbark. — Buying was only moderate. Pricewise a steady to firm tone prevailed.

Osage Orange.—Demand dull. No change disclosed in the prices.

Quebracho. — Buying moderate. Prices rule unchanged and firm.

Quercitron.—Nothing new took place in this direction. Prices unaltered.

Spruce.—New business lagging. Sellers adhere to former prices.

Sumac. — Stocks depleted, with future shipments uncertain. Prices not available.

Valonia. — Beards and cups unchanged. Business narrow.

Wattle Bark.—Solid South African extract ⅜c. lower at 3⅞c. per pound. East African liquid declined to the basis of 4¾c. in tanks and 5¼c. in barrels. Demand quiet.

Starch Freights Reduced

Because of increasing competition of imported tapioca and sago flour, reduction in rail rates on starch and dextrin has been ordered by the Interstate. Commerce Commission, notwithstanding the long-and-short-haul provision of the I.C.C. act. Carriers have been granted authority to maintain rates of 30 cents per 100 pounds on shipments of starch and dextrin, minimum 60,000 pounds, from origins in Illinois, Iowa, and Missouri, to New Orleans.

Solvay Process Plans Power Plant in Louisiana

Baton Rouge, July 17, 1940

Solvay Process Company, which heretofore purchased the power requirements of its Baton Rouge plant, announced today that it would shortly commence construction of a fully equipped power plant. Solvay has its own quarry and brine wells, and construction of the power plant will tend to further integrate the local operations. It is expected that the project will be completed within a year.

Continental Can Company has awarded contracts for construction of $200,000 addition to its Chicago plant.

Inventory Definition For U.S. Tax Changed

—Continued from page 3

cases, whether returnable or not, if title thereto will pass to the purchaser of the product to be sold therein. Merchandise should be included in the inventory only if title thereto is vested in the taxpayer. Accordingly, the seller should include in his inventory goods under contract for sale but not yet segregated and applied to the contract and goods out upon consignment, but should exclude from inventory goods sold (including containers), title to which has passed to the purchaser. A purchaser should include in inventory merchandise purchased (including containers) title to which has passed to him, although such merchandise is in transit or for other reasons has not been reduced to physical possession, but should not include goods ordered for future delivery, transfer of title to which has not yet been effected. (But see section 19.22 (d)-1.)

Barnes Leaves Airco

William W. Barnes has retired from the Air Reduction Company. Mr. Barnes first became associated with the oxyacetylene industry in 1910 when he joined the Davis-Bournonville Company as Philadelphia sales manager. He held that position until 1922, when Davis-Bournonville merged with Air Reduction. As a result of the merger, Mr. Barnes became Airco's manager at Philadelphia, a position he has held until his retirement.

Gasoline Freight Plan Opposed As Unsound

—Continued from page 5

ligible effect on the situation because they were too high. Mr. Lawrence asked that pipelines be made common carriers in fact by prescribing a minimum tender of 5,000 barrels and a rate with a reasonable net return on the investment, or a joint through rate by pipeline and rail.

Morris C. Roberts, speaking for eighty of the eighty-two railroad defendants, asked the commission to reject the examiner's report on two grounds. The issue of trainload rates had not been raised in the complaint, he stated, but had been injected independently by the examiner. Secondly, Mr. Stiles was asking the commission to force the railroads to meet pipeline competition by reducing their rates, but the commission had denied its power to do so in many decisions. His stand was supported by representatives of the Shell Oil Company and the Standard Oil Company of Indiana.

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Cresol U. S. P.

Cresol U.S.P. is used for the manufacture of Liquor Cresolis compositus; as a preservative and in the manufacture of textile soaps and wetting out agents. It is water white as produced, but darkens in time. Distillation not less than 90% between 195-205°C.

Metaparacresols

Metaparacresols are available in three principal grades, and are widely used in the manufacture of synthetic resins, tricresyl phosphate and other cresol derivatives in which low orthocresol content is desirable. All are produced as light colored liquids. The 2° grade contains approximately 60% Metacresol, and distills 95% in 1°C. range; completely within 2°C. between 200.3° and 203°C. The 3° grade contains approximately 55% Metacresol, and distillation range is 3°C. between 200°C. and 203.5°C. The 5° grade contains approximately 53% Metacresol and distills within 5°C. range between 199-205°C.

Orthocresol

Orthocresol is produced as a white crystalline material and is used in preparation of synthetic tanning agents; orthocresotinic acid and cumarin; and in some synthetic resins. It is used in controlled amounts with phenol or other cresols to impart plasticity to their resinification products. Three regular grades are manufactured with minimum melting points of 30.4°C.; 30°C.; 29°C. and maximum distilling ranges of 95% within 2°C., 90% within 2°C. and 100% within 5°C. respectively. Lower melting point grades can also be supplied.

Metacresol

Metacresol is an especially fast reacting tar acid, used in moulding-type phenolic resinoids and in production of certain refined organic chemicals. It is produced as light colored liquids boiling between 199° -204°C., in grades of 80-82% and 70-75% purity.

Paracresol

Paracresol is used in the preparation of dyestuffs and oil-soluble resins. It is produced in two grades: 92-94% and 98-100% pure. Both are light-colored crystalline materials melting not lower than 29.2°C. and 33°C. (dry basis) respectively.

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CHEMICALS

Coaltar Chemicals

Business Moderately Active — Steel Output Remains High —Phenol Well Taken — Benzol Position Lacks Improvement —Toluol Shipments Steady But Export Inquiries Taper

Shipments moved against contracts at a moderate pace in the market for most coaltar chemicals last week. While interest was fairly steady, replacement buying was usually made to take care of nearby requirements. There seemed to be little incentive to alter this policy. Supplies of practically all important materials were believed adequate to cope with domestic needs, and prices were fairly well stabilized. Steel operations were scheduled at 86.8 percent of capacity, a slight gain from the preceding period, but well ahead of the same week a year ago.

Toluol shipments moved steadily to domestic channels against contracts. However, inquiry for export was less active, as has been the case for the past several weeks. The recent license requirements for export so far has not exerted any real influence. Offerings of benzol continued more than adequate to cope with all requirements. Demand for creosote oil displayed no particular broadening, although the market was in a firm position. Business in cresylic acid was highly irregular. Shipments of crude naphthalene were routine; demand for refined tapered off seasonally. Phenol moved out in good volume, with export inquiries only fair. Pyridin was taken steadily, and market ruled firm.

Some irregularity was still prevalent in the demand for coaltar colors; exports remained at favorable levels, but subsided a good deal from the peak noted earlier in the year. Dealings in most coaltar acids and intermediates were routine. May exports of intermediates totaled 1,777,992 pounds, valued at $590,014, of which the bulk went to France; Switzerland; the United Kingdom; Canada; Brazil and Japan. Exports of coaltar acids amounted to 207,805 pounds, valued at $49,002.

Price Changes

Advanced
None

Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.2	127.2	127.3	125.2

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol. — Market underwent no change. Demand held to moderate levels, supplies sufficient to meet all requirements. Price tone about steady. May exports 1,251,246 gallons, valued at $236,646, of which 882,269 gallons went to France and 319,559 gallons to Italy.

Carbazole.—Business routine. Price-wise no new developments took place, and tone of market was firm.

Coaltar.—Movement of refined and crude steady against contracts. Prices ruled firm. May exports 100,311 gallons, valued at $8,102, of which 90,722 gallons went to Canada.

Creosote Oil. — Consumers made necessary replacements as a rule. Market fully retained its firm position. May exports 14,262 gallons, valued at $4,017.

Cresols. — Most grades received moderate support from regular channels. No change developed in the prices, and a steady to firm price tone predominated.

Cresylic Acid. — Business experienced some irregularity, but volume was sufficient to keep various grades of domestic material in a satisfactory position. Nothing new developed in the imported acid.

Naphthalene. — Shipments of crude usually confined to regular sources; imported shipments remain at a minimum. Prices nominal. Activity in refined continued to taper off.

Oil, Shingle Stain.—Interest in this direction was only fair. No change was disclosed in the quotations.

Phenol.—Withdrawals against contracts continued in good volume. The market lacked any price changes, and a steady to firm tone prevailed. May exports 253,329 pounds, valued at $36,254, of which 136,410 pounds went to Australia; 50,000 pounds to Finland and 50,000 pounds to Hungary.

Pitch, Coaltar.—Dealings remained routine. There was nothing new to disclose in the quotations.

Pyridin.—Business steady. The position of the market was firm, and quotations the same.

Tar Acid Oils.—Buying held to necessary replacements as a rule. Prices were in conformity with those established previously.

Toluol.—Shipments moved against contracts steadily. Market remained firm and unchanged. Less export inquiry prevalent. May exports 12,426,301 pounds, valued at $807,882, of which 9,309,247 pounds went to Italy; 2,184,185 pounds to France and 369,848 pounds to the United Kingdom.

Xylol.—Demand moderately active. Prices without change, and tone of market steady. May exports 219,425 pounds, valued at $15,200, of which 204,704 pounds went to Switzerland.

Chicago Coaltar Bases

Interest in most grades of coaltar bases remains at good levels, and the price structure is firm. Buyers have been taking material in moderate quantities since establishment of new price quotations. Benzol inquiry is fairly brisk, toluol orders fair. Ruling prices exclusive of tax are:—Benzol, 90 percent, 15c. to 16c. per gallon; motor benzol, 11c. to 11½c.; toluol, 27c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Conservative dealings marked the trading. Prices without change.

Benzoic.—Market remained a routine affair. Prices held firm.

Broenner's.—Buying held close to nearby requirements. Quotations firm.

Cleve's.—Demand moderate. Price-wise a firm tone prevailed.

Fumaric.—Inquiries reached market in satisfactory volume. Prices unchanged.

Gamma.—Business only fair. A firm tone governed the transactions.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Textile Chemists and Colorists, Oct. 18-19, New York.
Pest Control Association, Oct. 28-30, Indianapolis.

H.—Market strictly routine. No change disclosed in the prices.

Laurent's.—Usual consumers made necessary replacements as a rule.

Malic.—Dealings steady for moderate quantities. Prices unaltered.

Maleic.—Withdrawals against contracts moderately active. Prices firm.

Picramic.—Market in firm position, and shipments fair.

Picric.—Trading confined to regular channels. Prices held firm.

Salicylic.—Spot and contract buying moderate. No change occurred in the prices.

Succinic.—Interest remained along fair lines. Prices unchanged.

Sulphanilic.—Consumers made necessary purchases, but market retained its firm tone.

Other Intermediates

Alphanapthol. — Dealings conservative. Price tone firm.

Anilin.—Steady call for moderate quantities. No change in prices.

Anthraquinone.—Some irregularity in the demand, but prices hold firm.

Benzaldehyde. — Interest remained about fair. Prices the same.

Benzidin Base. — Market continued routine. Quotations unaltered.

Betanaphthol.—Buying held close to nearby needs. No change in prices.

Betanaphthylamine. — Prices rule firm, with trading narrow.

Dimethylaniline. — Fair demand. Prices lacked any change.

Dinitrobenzene.—Transactions along moderate lines. Quotations unaltered.

Dinitrochlorobenzene. — Spot and contract dealings fair. Prices the same.

Dinitronaphthalene. — Firm price tone prevailed. Demand moderate.

Dinitrophenol. — Usual consumers ordered necessary replacements.

Dinitrotoluene.—Strong price tone, with demand steady.

Diphenyl.—Routine dealings. Prices unchanged and firm.

G. Salt.—Consumers entered market for necessary quantities only.

Metanitroparatoluidin.—Small quan-

—*Continued on page* 36

Toluol From Petroleum Is Defense Board Aim

—*Continued from page 3*

teen divisions represents leaders in the respective field. Meetings have been held and are directed toward the end of translating objectives into production. Competing units of the industry with necessarily secret formulas and processes have openly discussed their plans with us, the commission, Mr. Stettinius said. Offers have been made to exchange information with competing units to facilitate the program.

Synthetic Rubber

In a recent progress report Mr. Stettinius outlined the results of a number of surveys and studies made by the materials division of the commission. He found the situation generally "more hopeful than we anticipated six weeks ago."

Concerning the defense need of rubber Mr .Stettinius said:—

When this commission was appointed it was felt that the problem of adequate rubber supplies was one of the most pressing. For this vital raw material we have been primarily dependent upon the Malay Peninsula and the East Indies. Several weeks ago the President suggested a study of synthetic rubber production. As a result we have conferred with each of the companies owning or controlling synthetic rubber processes. Several have been developed beyond the experimental stage to a point where plans for individual producing units are being engineered. It is expected that before this month is over a plan of synthetic rubber production will have been worked out which in the future could eliminate our dependence upon imports.

Aviation Gasoline Plans

Aviation gasoline of 100-octane grade is another critical material, and under the direction of Dr. Robert E. Wilson, principal oil adviser on the staff of Mr. Stettinius, a plan has been developed under which the government will purchase and store large quantities of this commodity. Contracts will be made with refiners to build special storage facillties, some of them underground, into which will be placed 100-octane gasoline purchased by the government on contracts which are expected to take all surplus production for a period of perhaps a year. The government will pay storage charges on such gasoline and expects to build up a stock to last for 100 days at wartime rate of consumption.

The National Advisory Commission for Aeronautics is revising the specifications for 100-octane gasoline in the expectation that refineries not making this product will be able to do so, and if this is accomplished it is expected that the productive capacity of the country will be about 50 percent of the total needed by the military for a "major effort". Many plants are now operating at less than capacity.

Manganese Offer

The defense commission has been urged to determine whether the United States "shall continue to be dependent on foreign sources for its strategic materials." Citing Bureau of Mines figures to support his contention that domestic producers of manganese are given little or no participation in the current armament program, J. Carson Adkerson, president of the American Manganese Producers Association, declared:—

We have the reserves of low-grade ore. We have the processes by which the high-grade ore may be recovered from these reserves. We have an abundance of low-grade ore reserves, far in advance of the known reserves of iron ore, and additional work on the deposits will undoubtedly disclose additional reserves of manganese ore far in advance of any estimate of requirements at the present time.

What the domestic industry needs is assurance from the National Defense Commission that we will be justified in reopening our mines. This Association, representing 90 percent of domestic production, recently pledged its full cooperation with the Reconstruction Finance Corporation's newly formed Metals Reserve Company. That cooperation was pledged on the basis of assurances that, insofar as possible, the company's needs would be obtained from domestic sources. We are ready to work on the same basis with the National Defense Commission and all government agencies.

Health Problems

Problems of health and public welfare services involved in the national defense effort will be coordinated through the cooperation of four government agencies, says Miss Harriet Elliott, member of the defense commission in charge of the consumer protection division.

The commission has approved plans calling for establishment of a coordinating committee consisting of the following:—U.S.P.H. Surpeon-General Thomas Parren, to direct activities involving public health and medical problems; Miss Katherine Lenroot, chief of the Children's Bureau, Department of Labor, to direct activities relating to children; Arthur J. Altmeyer, chairman of the Social Security Board, to direct activities relating to social security and welfare; Dr. M. L. Wilson, director of extension service, Department of Agriculture, to direct activities concerned with nutrition problems.

The work of this committee, acting with Commissioner Elliott, will emphasize the importance of maintaining and improving the standards of health and welfare to the end that American citizens may be physically prepared for whatever responsibilities they may face in the defense program.

Calcium Chloride Uses In Home Described

A new folder on calcium chloride for drying air and ending condensation in basement game rooms, clothes closets, photo dark rooms, bank vaults and similar places has just been issued by the Solvay Sales Corporation. Free copies of this timely literature may be obtained by writing to Solvay Sales Corporation, 40 Rector street, New York, and asking for "To Dry Air" folder, mentioning the REPORTER.

• DEPENDABLE
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KOPPERS COMPANY · PITTSBURGH, PA.

Coaltar Chemicals

Other Intermediates

—*Continued from page 35*

tities usually made up the call. Prices without change.

Metaphenylenediamine. — Business conservative. Prices hold firm.

Metatoluyenediamine. — Prices rule unchanged, with buying narrow.

Nitrobenzene. — Shipments against contracts moderate. Prices well maintained.

Nitronaphthalene. — Call fairly steady. No change occurred in the quotations.

Orthoanisidin.—Market a routine affair. Pricewise no new developments took place.

Orthochloroanilin. — Usual consumers made necessary replacements.

Orthochlorophenol. — Demand was in line with nearby needs as a rule.

Orthodichlorobenzene. — Market ruled firm, while shipments were steady to regular channels.

Orthonitroanilin. — Buying satisfactory in most directions. Prices firm.

Orthonitroparachlorophenol. — Dealings were conservative. No change disclosed in the quotations.

Orthonitrotoluene. — Trading underwent little change. Prices were the same.

Orthotoluidin. — Prices retained their firmness, business steady.

Parachlorophenol. — Consumers made replacements when needs become urgent. Prices lacked any new developments.

Paranisidin. — Spot and contract purchases moderate. Prices unaltered.

Paranitroanilin.—Prices firm and unchanged. Demand fairly steady.

Paranitrochlorobenzene. — A steady to firm price tone prevailed. Buying was retained at favorable levels.

Paranitrophenol. — There was no broadening in the demand. Prices unchanged.

Paranitrotoluene. — Market position strong. Withdrawals steady.

Paratoluidin.—Transactions usually limited to regular channels. Prices rule firm.

Phthalic Anhydride.—Spot and contract shipments held at good levels. No change occurred in the quotations, with the tone of the market firm.

R. Salt.—Market routine. Prices were without change.

Thiocarbanilide.—Consumers made replacements on a satisfactory scale.

Toluidin.—Market firm and business steady.

Xylidin.—A firm price tone predominated, with shipments moderate.

Coaltar Colors

Business in the market for coaltar colors was irregular last week. Support from some divisions of the textile industry was still lacking. However, volume made a good comparison with the like period a year ago. Export business, while subsiding from the peak levels, continued to display a gain over the previous year. The outlook continued promising. The market lacked any important price feature, with the tone steady to firm in virtually all divisions.

Exports of coaltar colors held at favorable levels as borne out by statistics for May released by the Department of Commerce. Shipments amounted to 2,338,408 pounds, valued at $1,315,546. British India was the largest single consumer, taking a total of 624,356 pounds; the United Kingdom followed with 505,729 pounds, while Canada received 329,186 pounds. China imported 121,948 pounds; Chile, 111,335 pounds, and Mexico, 87,183 pounds. Shipments for the first five months this year aggregated 12,147,247 pounds, valued at $5,969,397, against 4,166,607 pounds, valued at $1,841,355 in the same period a year ago. Of the total British India took 1,479,336 pounds; Canada, 1,142,785 pounds; the United Kingdom, 779,996 pounds, and China, 508,283 pounds.

REPUBLIC
XYLOLS

3°—5°—10°—COMMERCIAL

REPUBLIC STEEL
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BENZOLS
1°—2°—90% - Motor

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CORPORATION
General Offices • Cleveland, Ohio
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Shipping Points: Cleveland, Ohio • Warren, Ohio • Youngstown, Ohio
Canton, Ohio • Massillon, Ohio • Gadsden, Alabama • Birmingham, Alabama

Current Market Quotations

—*Continued from page 25*

Zein—Zirconium

Z

Zein, bgs., 1,000 lbs. or more, works	lb.	.20 - —
less than 1,000 lbs., works	lb.	.25 - —
Zinc acetate, tech., bbls., dlvd.	lb.	.15 - .16
USP, bbls., 250 lbs.	lb.	.27 - —
kgs., 100 lbs.	lb.	.29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies	lb.	.12 - —
l.c.l., bags	lb.	.12½- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.		
Carbonate, tech., bbls.	lb.	.14 - .16
USP, precip., powd., bbls.	lb.	.32½- —
25 lb. dms.	lb.	.37½- —
kgs.	lb.	.34½- —
Chloride, tech., fused, dms., c.l., works..100 lbs.		4.25 - —
l.c.l., works..100 lbs.		4.60 - —
gran., dms., c.l., works, 100 lbs.		5.00 - —
USP, 200-lb. dms.	lb.	.26 - —
25-lb. jars	lb.	.31 - —
solution, 50%, dms., c.l., works	lb.	.0290- —
l.c.l., works	lb.	.04 - .04½
tanks, works	lb.	.0225- —
Cyanide, kgs., works	lb.	.33 - —
Dust, bbls., c.l., dlvd.	lb.	.08¼- —
l.c.l., bbls., dlvd.	lb.	.08¾- —
Iodide, N.F., bots.	lb.	4.35 - —
jars	lb.	4.20 - —
Fluoride, bbls.	lb.	.20 - .25
Metal (see daily quotations in Market report).		
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06¼- .07¼
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
bgs., l.c.l., ex whse., Pac. cst.	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
5%, bgs., c.l., dlvd.	lb.	.06½- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- —
ex whse., Pac. cst.	lb.	.06¾- —
bbls., c.l., dlvd.	lb.	.06¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- —
ex whse., Pac. cst.	lb.	.06¾- —
35%, c.l., dlvd.	lb.	.06 - —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼- —
ex whse., Pac. cst.	lb.	.06¼- —
35%, bbls., c.l., dlvd.	lb.	.06¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.06½- —
bgs., l.c.l., ex whse., Pac. cst.	lb.	.06½- —
50%, bgs., c.l., dlvd., except Pac. Coast.	lb.	.0606- —
dlvd., Pac. cst.	lb.	.0612- —
l.c.l., dlvd., except Pac. cst.	lb.	.0631- —
bgs., ex whse., Pac. cst.	lb.	.0637- —
bbls., c.l., dlvd.	lb.	.0637- —
l.c.l., ex whse., Pac. Cst.	lb.	.0662- —
French process, com'l. lead free, bgs., c.l., dlvd.,	lb.	.06¼- .07¼
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
ex whse., Pac. cst.	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.,	lb.	.06¾- .08
green seal, bgs., c.l., dlvd.,	lb.	.08 - —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08¼- —
bbls., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08¼- —
red seal, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd., except Pac. cst.	lb.	.07¾- —
ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., dlvd.	lb.	.07¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.08 - —
ex whse., Pac. cst.	lb.	.08 - —
white seal, bgs., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¾- —
ex whse., Pac. cst.	lb.	.08¾- —
bbls., c.l., dlvd.	lb.	.08¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.09 - —
ex whse., Pac. cst.	lb.	.09 - —
imported, gold seal, cks., ex whse.	lb.	.13 - .14
green seal, bbls., ex whse.,	lb.	.10 - —
white seal, cks., ex whse.,	lb.	.11 - .12¼
USP, bbls., c.l.	lb.	.09¼- —
Palmitate, bbls.	lb.	.24½- .27½
Resinate, fused, pale, bbls.	lb.	.10 - —
precip., dms., dlvd.	lb.	.15 - —
Stearate, tech., precip, bbls., ctns., c.l.	lb.	.22 - —
l.c.l., 1 ton	lb.	.23 - —
1,000-2,000 lbs.	lb.	.24 - —
less than 1,000 lbs.	lb.	.25 - —
USP, bbls.	lb.	.23 - .26
Sulphate, cryst., bgs., c.l.	100 lbs.	2.90 - —
l.c.l.	100 lbs.	3.65 - —
bbls., c.l.	100 lbs.	3.05 - —
l.c.l.	100 lbs.	3.80 - —
flake, bgs., c.l.	100 lbs.	3.25 - —
l.c.l.	100 lbs.	4.00 - —
bbls., c.l.	100 lbs.	3.40 - —
l.c.l.	100 lbs.	4.15 - —
powd., bgs., c.l.	100 lbs.	4.55 - —
l.c.l.	100 lbs.	5.30 - —
bbls., c.l.	100 lbs.	4.70 - —
l.c.l.	100 lbs.	5.45 - —
Sulphide, bgs., c.l., (20 tons), dlvd.	lb.	.07½- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd.	lb.	.07¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08 - —
barium, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.05¼- —
Zinc sulphide, calcium pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.05¼- —
magnesium, pigment, bgs., c.l., dlvd.	lb.	.05¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.05½- —
Sulphocarbolate, NF, bbls.	lb.	.24 - .26
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15 - —
l.c.l., works	100 lbs.	5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd., except Pac. cst.	lb.	.05¼- —
ex whse., Pac. cst.	lb.	.05½- —
Zirconium nitrate, kgs., works	lb.	3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works	ton.	75.00 -100.00
white, 98%, grd., kgs., works,	lb.	1.80 - 2.00

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the July 1 issue; the next printing will be in the Aug. 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials market which begins on page 37.

'Neoprene' Impeller Used In New Pump for Liquids

An impeller type pump, in which the impeller is made of "Neoprene," has been developed by the Eco Engineering Company, Newark, N. J. Impeller pumps of similar design, but having a rubber impeller, have been successfully used for some time in the pumping of liquids containing foreign matter in suspension, it is stated. Through incorporation of the "Neoprene" impeller, it is claimed the units become suitable for the handling of such chemical or petroleum products which would ordinarily have a detrimental effect on rubber.

Bodenheimer Marks Birthday

Herman Bodenheimer, formerly a metal broker and dealer with offices in Frankfort-am-Rhine, Germany, now a resident of United States, last week observed his seventy-fifth birthday. Since his recent arrival in this country Mr. Bodenheimer has met and renewed acquaintanceship with many of the individuals and corporations with whom he had conducted a large export business in past years.

Penn. Refining Co. Appoints Kennedy Jersey City Manager

The Pennsylvania Refining Company, Butler, has appointed R. T. Kennedy manager of its Atlantic division, located at 1 Gates avenue, Jersey City, N. J. In his new position, Mr. Kennedy will handle white oils, 'Insectisol,' petrolatum, branded and nonbranded lubricating oils and greases, and other petroleum products.

The Atlantic division of the Pennsylvania Refining Company includes a bulk storage department where modern machinery is employed to blend and package the products brought from the company's refineries, located in the heart of the Pennsylvania oil fields at Karns City and Titusville, Pa. Being centrally located with respect to Eastern markets, daily truck service throughout the territory is available.

General Aniline Reacquires 950,000 Common Shares

The General Aniline & Film Corp. has reported to the Securities Exchange Commission that on June 13, 1940, it accepted offers to sell to it an aggregate of 1,000,000 shares of common B stock at $2 per share. Thereafter it received and paid for 950,000 shares, remaining 50,000 shares to be delivered later. Purchased shares were being held in treasury. As a result of the repurchase, number of common B shares outstanding was reduced to 2,050,000 on July 1, 1940.

W. Leslie Lawrence was recently elected secretary of the Alexander Milburn Company, paint spray gun manufacturer, Baltimore. He succeeds Harvey H. Johnson, who died June 2 after serving the company for twenty-five years.

Paint, Varnish, Lacquer Materials

General Paint Materials Market Routine and Firm — Several Products Encountering Seasonal Lull in Buying — Casein Advanced—Chemical Colors Active—Further Decline in Rosin

With the sole exception of an advance in quotations on domestic and Argentine casein, the general market for raw paint materials was moving in a smooth, routine groove last week. The casein advance had been anticipated due to competition for milk from manufacturers of condensed, evaporated, skim and dry milk. Prices were raised in midweek following an increase in the quotation for dry milk. On top of that, another event of the period was a sharp pick-up in demand from both domestic and foreign consumers.

Lead pigments moved more slowly and indications were that the market had encountered the usual seasonal lull. Zinc oxides and lithopone remained in good demand but the call for titaniums was less insistent. The reduction in stearate prices resulted in a better demand throughout the week. Natural gum markets were quiet and synthetic resin call was tapering off.

Manufacturers of chemical colors reported that trade was still very active and shipments were heavy. Exceptions were carbon black, consumers having stocked this material heavily prior to the July 1 advance, and mercuric oxides and English vermilion, the high prices for which discouraged buyers. Glues were strong and in good demand. Business in naval stores was on a fair scale. Turpentine prices ruled steady. The trend of rosin was again downward. Trading in rosin on the basis of one hundred pounds, instead of 280 pounds as formerly, commenced July 15.

On its first six months' record, this year is proving to be the biggest home-building year since 1929, according to the F. W. Dodge Corporation. The company's report indicates that residential building contracts let during the first half of 1940 in the thirty-seven Eastern states amounted to $690,572,000. This was an increase of 7 percent over the first half of 1939 and was more than six times the dollar volume of residential contracts in the first half of 1933, lowest depression year. Out of the $46,000,000 residential contract increase over last year's six-months' record, $37,000,000 represented the increase in private housing investment and $9,000,000 the increase in public housing projects.

Price Changes

Advanced

Casein, dom., ½c. per lb.
imp., Argentine, ½c. per lb.

Reduced

Rosin, gum, 5c. to 10c. per 100 lbs.
Turpentine gum, ¼c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.2	**126.2**	**126.2**	**131.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Activity in the market for pig lead was increased last week with carlot quantities being ordered in satisfactory volume. The price was steady and unchanged. New demand for slab zinc was small in volume during the period, but shipments of the metal into consuming channels continued at a high rate. Prices were firm and unchanged at both New York and East St. Louis.

Lead. — Prevailing spot prices at New York, East St. Louis and London for the period from July 13 to July 19, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0500@.0505	$0.0485	..* .. ..
Monday	.0500@.0505	.0485	.. .. ..
Tuesday	.0500@.0505	.0485	.. .. ..
Wedn'sd'y	.0500@.0505	.0485	.. .. ..
Thursday	.0500@.0505	.0485	.. .. ..
Friday	.0500@.0505	.0485	.. .. ..

* London exchange closed.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from July 13 to July 19, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0565	$0.0625	..* .. ..
Monday	.0565	.0625	.. .. ..
Tuesday	.0565	.0625	.. .. ..
Wednesday	.0565	.0625	.. .. ..
Thursday	.0565	.0625	.. .. ..
Friday	.0565	.0625	.. .. ..

* London exchange closed.

Pigments

Antimony White.—Demand remained routine. Price was steady.

Flake White.—No new features in market. Demand fair and price firm.

Litharge.—Movement spotty. Price firm.

Lithopone.—Good sales volume held throughout week. Quotations steady.

Metronite Pigment.—Seasonal quiet prevailed. Price firm.

Red Lead.—Trade held to satisfactory levels. Price unchanged.

Titanium Pigments. — Withdrawals against contracts were smaller but remained satisfactory. Prices steady and unchanged.

White Lead.—Slight decline in sales volume failed to lend easiness to prices.

Zinc Oxides.—Remained one of the more active pigments. Trade satisfactory. Prices steady and unchanged.

Fillers and Extenders

Asbestos.—Normal business for this time of year reported. Prices steady.

Asphaltum.—Little of new interest. Market steady and unchanged.

Barytes.—Trade routine. Prices firm.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Production Clubs, Oct. 28-30, Washington.
Paint, Varnish and Lacquer, Oct. 30-Nov. 1, Washington.

Roll in the Barrels
of
PARADURA 540
an outstanding heat-hardening 100% pure phenolic.
PARANOL 54-E
an extremely hard, modified phenolic, very pale and soluble in mineral spirits.
PARANOL 1650
a low-priced modified-maleic resin, pale and hard.
and Roll out Better Finishes

PARAMET SYNTHETIC RESINS

SAMPLES AND DETAILS AWAIT YOUR REQUEST.

PARAMET CHEMICAL CORPORATION
MANUFACTURERS OF SYNTHETIC RESINS
44TH AVENUE AND 10TH STREET • LONG ISLAND CITY, N. Y.

MAPICO COLORS MAKE "IRONCLAD" FINISHES

Like a Shield Before the Sun . . .

Mapico Colors protect against breakdown, color change and harmful effects of sunlight

Retention of color and a durable film are primary requirements in an outside paint. Mapico Colors contribute to the fulfillment of these requirements to a notable degree.

They do not react to the sun's actinic rays, are incapable of further oxidation and therefore unusually durable. They are "single pigment" colors and will not break down like combinations of more fugitive pigments.

That is why more and more manufacturers are producing "ironclad" finishes — formulated with Mapico colors.

MAGNETIC PIGMENT CO.
BINNEY & SMITH CO., *Distributor*
41 East 42nd St., New York, N. Y.

MAPICO Colors
PURE OXIDES OF IRON

○YELLOWS ○REDS ○BROWNS ○BLACK

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for thirty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
59 BEEKMAN STREET, NEW YORK CITY

USE Limeolith
A SUPERIOR PRECIPITATED CALCIUM CARBONATE
Manufactured and produced in the U. S. A. for industrial usage.
FOREIGN WHITING and WHITE CALCIUM CARBONATE Are in Short Supply
Reasonable in cost—White in color and always available
It may solve your supply problem
KANSAS CITY LIMEOLITH CO
Exclusive Sales Agents
THOMPSON-HAYWARD CHEMICAL COMPANY, 2915 Southwest Blvd., KANSAS CITY, MO.

NOW—
AN ORGANIC RED TONER WITH TWO OUTSTANDING PROPERTIES
1. WILL STAND A 500° BAKING TEMPERATURE
2. WILL BE ABSOLUTELY NON-BLEEDING IN THE USUAL LACQUER SOLVENTS
Samples Furnished on Request
The Hilton-Davis Chemical Co.
P. O. BOX 8, PLEASANT RIDGE STATION, CINCINNATI, O.

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

The Winning Blacks

IMPERIAL 88
IMPERIAL 50
SUPERTONE
INTENSO
EUREKA
EXCELLO 2X
EXCELLO X
EXCELLO 55
EXCELLO

It is Industry's move today—it's a time for careful thought and planning! The paint industry has an active part in today's production program. Whether it's a lacquer, paint or enamel product, the choice of the right carbon black is highly important! IMPERIAL, as you know, makes various grades of carbon black, each best suited to meet a definite need, and each guaranteed by laboratory control to be uniform in quality! Play safe, specify *Imperial*.

IMPERIAL
OIL & GAS PRODUCTS CO.
GRANT BUILDING • PITTSBURGH, PA.
CARBON BLACKS
LABORATORY CONTROL UNIFORM QUALITY
F-C-4

Bentonite. — Market quiet. No changes in price reported.

Blanc Fixe.—Prominent producers reported fair withdrawals against contracts. Pricewise, the market was firm.

Charcoal.—Hardwood material in less demand. Prices steady.

China Clay.—Interest lighter. Market less active. No price changes.

Diatomaceous Earth.—Buying more sluggish. Price firm.

Fullers Earth.—Shipments into consumption smaller. Price firm.

Graphite. — Movement routine. Pricewise, steady.

Gypsum.—Demand fair and price steady and unchanged.

Mica.—Steady price prevailed despite less activity in market.

Pumice Stone.—Italian material scarce. Domestic product in fair demand. Price firm.

Rottenstone.—Satisfactory sales volume reported. Price unchanged.

Silica. — Market routine. Prices firm.

Talc.—Domestic grades in fair call. Prices steady.

Whiting.—Movement routine but satisfactory. No price changes reported.

Woodflour. — Norwegian material reported unavailable. Domestic grades in fair call. Prices steady and unchanged.

Driers

The reduction in prices for all grades of stearates prompted a slightly better interest in offerings last week. The reductions became effective last Monday and sales on following days of the week were slightly higher than in the preceding week, according to prominent producers. Palmitates were in satisfactory call and other driers were routine. Contracting for third quarter delivery was being negotiated at a satisfactory pace.

Varnish Gums

The market for natural gums began to undergo the usual seasonal lull last week and indications were that it would be characterized by quiet until the end of the Summer. Demand was routine and the call was for small stocks only. Market conditions both here and at primary points were firm and prices were steady and unchanged.

Synthetic Resins

Ester Gum. — Demand for this resin was slightly better last week than it had been in several previous weeks. Contracting was proceeding satisfactorily and withdrawals against previously-made contracts began to become heavier. Prices for delivery to all basic points were steady and unchanged.

Chlorinated Rubber.—The market picked up activity in a small degree and shipments into consuming channels were a bit more regular. Quotations were unaltered and firm.

Naval Stores

The chief event of the week in the naval stores situation was the change in the basis of trading in rosin from 280 pounds gross weight to a 100-pound net weight basis. The 280 pound basis had been in effect since the opening of an official naval stores market at Savannah. An allowance of 17% as the tare for rosin in wood barrels was officially decided upon. The new basis became effective on July 15 and the change operated smoothly and apparently to the satisfaction of all concerned. It was reported that sales from government controlled supplies of rosin will be confined after August 1, to drums.

Another change in the rules governing transactions in naval stores effective August 1 applies to turpentine which will be sold on a pound basis. This was made possible through the recent adoption of a bulk basis for transactions in turpentine in the primary market. The weight of a gallon will be 7.2 pounds and it is believed that there will be no obstacles in the way of this change.

In addition to the changes already announced in the rules governing transactions in naval stores, a movement was reported to have been started to have official quotations applied to rosin and turpentine sold at Valdosta and Jacksonville as well as other important naval stores centers in the South, using the Savannah exchange as a trading medium. Under the proposed plan a buyer seeking supplies of rosin or turpentine at Valdosta or any other market outside of Savannah would bid for it in the latter market for delivery at the point specified and the price would be posted on the Savannah exchange as an official quotation for the point of sale.

The government remained in the markets of the South as a seller last week and with supplies available from that and other sources the tone of rosin remained easy, further declines being recorded on all grades. Business in southern and local markets was fairly active. Consumption of rosin, in the opinion of some, has shown expansion in recent weeks, as a result of the decline in prices. It was pointed out, too, that the defense program may also find reflection in the not distant future in an increase in the consumption of both rosin and turpentine.

A steady tone prevailed much of the time last week in the turpentine markets. New business was reported as rather quiet here, but there were reports of an improvement in trade in some other parts of the country, while the movement from southern markets to consumers on contracts appeared to be holding up well for this season. Export trade in rosin and turpentine was reported as quiet.

Turpentine.—A steady tone prevailed in the local market in the absence of wide fluctuations in the primary center. Business here continued along rather narrow lines but there were reports of a fair movement of small or moderate lots to local and other consumers and dealers.

SAVANNAH, July 19.—Following is a record of the turpentine market for the week:—

	Cents (gal.)	Sales. Gal.	Barrels Receipts.	Barrels Shipments.	On hand.
*Saturday..	..	...	...	...	.....
Monday.....	20½	2,000	251	37	11,475
Tuesday.....	20½	1,050	543	...	12,018
Wednesday..	20½	...	318	...	12,336
Thursday...	20¾	2,250	187	6	12,487
Friday.....	20½	500	183	2,440	10,270

* No trading.

JACKSONVILLE, July 17.—Turpentine receipts 562 barrels; shipments 2,312; stock 33,158.

PENSACOLA, July 13.—Turpentine receipts 318 barrels; shipments 10; stock 9,968.

Markets at Other Centers

Chicago—July 19

Business is rather slow in turpentine, with values ruling around previously noted levels. Tone is steady. Ruling prices at the close of business last night were:—Five-drum lots, 33c. per gallon; five wood barrels, 38c.; single drums, 36c.; single barrels, 41c.

LONDON, July 19.—Turpentine, 53s. per 112 pounds.

Rosin.—The local market had an easy tone at times during the past week in company with developments in the South where the trend of prices was again downward. There was apparently no material broadening of trade in the local market, much of the purchasing being limited to comparatively small or moderate quantities to fill the immediate or nearby requirements of consumers.

SAVANNAH, July 19.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$1.15	$1.15	$1.15	$1.15	$1.15
D	...	1.18	1.18	1.18	1.19	1.18
E	...	1.29	1.29	1.25	1.25	1.25
F	...	1.32	1.29	1.27	1.27	1.25
G	...	1.32	1.30	1.27	1.27	1.25
H	...	1.33	1.30	1.27	1.27	1.25
I	...	1.33	1.30	1.27	1.27	1.25
K	...	1.38	1.35	1.32	1.32	1.30
M	...	1.41	1.39	1.37	1.37	1.35
N	...	1.76	1.74	1.70	1.70	1.65
WG ..	...	2.00	1.99	1.97	1.95	1.90
WW ..	...	2.35	2.30	2.25	2.25	2.20
X....	...	2.35	2.35	2.35	2.35	2.35
		Barrels				
Sales....	...	391	260	296	84	163
Receipts.	...	1,255	1,534	1,266	799	831
Shipments	...	641	694	200	...	815
Stocks...	...	...	...	...	...	167,628

* No trading.

JACKSONVILLE, July 17.—Rosin receipts 1,624 barrels; shipments 2,593; stock 305,984.

PENSACOLA, July 13.—Rosin receipts 500 barrels; shipments 3,190; stock 49,343.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Markets at Other Centers

Chicago—July 19

Dullness continues to pervade the general naval stores market situation, with buyers seeming to prefer holding off from making important commitments through the current vacation season. Tone, however, is fairly steady in the rosin section of the market. Ruling prices at the close of business last night were:—B grade, $5.75 per lot of 280 pounds; G grade, $6.30; M grade, $6.50; W.W. grade, $8.55.

LONDON, July 19.—Rosin, W.W., 30s. per cwt.

Other Naval Stores

Pine Oil. — Business continued along conservative lines, demand for moderate lots being fair. Market steady.

Pitch.—Moderate request on spot. Stocks reported light. Prices maintained and tone steady.

Rosin Oil.—Consumers generally purchasing for current needs only. Market steady.

Tar.—Movement on contracts reported as steady. New business quiet. Prices steady.

Dry Colors

Acetylene Black.—Producers of this material reported quiet market conditions last week. Prices were steady.

Alkali Blue Toner.—The market was fairly active and prices were steady.

Carbon Black.—Tire manufacturers were being less persistent in their demands last week and the market as a whole returned to a more normal basis. Buyers were apparently well stocked for the near future and sales were for small lots only. Prices were steady and unchanged.

Carmine No. 40.—Material was moving out at a fair rate for this time of year. Prices were unchanged.

Chrome Colors.—The steadiness of metallic lead was reflected in the market for these colors. Demand was fair and prices were firm and unchanged.

Copper Phthalocyanin Blue. — The market began to slip slightly during the period under review. First indication was a falling off of inquiries for future delivery. Shipments during the week were at the level of the previous period, however, and the price was steady and unchanged.

Iron Blues.—Withdrawals against contracts were in good volume during the period and prices continued firm and unchanged.

Iron Oxides.—The natural and synthetic oxides were in a routine market position during the week. Trade was satisfactory for this time of year and prices were steady and unchanged.

Lamp Black.—Manufacturers of this color reported seasonal slackening in buying last week. Sales to date this year have been satisfactory to prominent suppliers and indications were that volume would be equal to that of 1939.

Mercuric Oxides.—The recent reduction in merucry was so small that it failed to effect conditions in the market for these derivitives. As a result, prices continued to hold to the high levels that have discouraged buying in the past several weeks.

Ocher.—Call for material was routine and prices were steady and unchanged.

Phosphotungstic Toners.—Shipments into consuming channels have held to good levels in recent weeks and this trend was continued during the period under review. Prices were firm and unchanged.

Sienna.—Market more active. Prices unchanged.

Spanish Red Oxides.—Demand for this material was a bit better during the week and prices were firm.

Toner Reds.—The demand for para, lithol and toluidin toners held to satisfactory levels during the period and shipments were fairly large. Printing ink manufacturers were showing a better interest in lake red C material. All prices were firm and unchanged.

Ultramarine Blue.—Withdrawals against contracts were routine last week. Spot demand was slack. Prices were steady and unchanged.

Vermilion.—Despite a reduction in quicksilver two weeks ago the price of English vermilion remain at the previously high level and held that level

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MR. HARVEY SHOOTS A BETTER GAME
WHEN A CADDIE CARRIES THE BAG
Mr. Harvey likes to make a low score when he plays golf—just like all other golfers. He finds it easier to do so when he hires a caddie to carry the bag. He can save his energy for smacking the ball down the fairway. In addition, he saves on balls—he doesn't lose as many because the caddie is trained to watch them.
Mr. Harvey plays golf for recreation, but he manufactures paint for a living. In his business he wants to make a high score by turning out superior paints and varnishes. He finds it easier to do so when he lets General Electric take care of his alkyd resin requirements. By using G-E Glyptal he stops worrying about the quality of the resins going into his paints and varnishes. In addition, he gets a real "plus" value because the entire resources of the G-E Research Laboratories stand ready to give him helpful sales service whenever he requests it.
GLYPTAL SALES, APPLIANCE AND MERCHANDISE DEPARTMENT, GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONNECTICUT
GENERAL ELECTRIC

throughout the period under review. Buying was sluggish and for small lots only.

Lacquer Materials

Business in the market for various lacquer materials and solvents was maintained at fair levels last week. Spot and contract shipments were moderate in the majority of instances, but on the whole replacements entered the market in sufficient volume to keep the tone steady to firm. Export inquiries were not nearly as prominent as previously, however, some materials such as the butyls and acetone were receiving some attention. Price movements were conspicuous by their absence. The lower prices for cellulose acetate and triacetate stabilized the market. During the past few years quotations have been steadily reduced to correspond with lower production costs and other factors. Operations in some basic consuming industries have leveled off seasonally, but were expected to rebound in the near future when Fall production gets under way. The automotive industry in particular has slowed up in preparation for the new models, which will be undertaken earlier than usual. Aside from this, activity in other lines affected by the defense program were expected to stimulate business when the program gains momentum.

Acetone.—Shipments in spot market and against contracts moved moderately. Fair export inquiry. Prices lacked any change and tone of market was steady to firm.

Butyl Acetate.—Consumers made replacements on a satisfactory scale. Prices were in conformity with those prevailing previously.

Butyl Alcohol.—Demand for normal and secondary proceeded at fair levels. There was nothing new to divulge in the prices.

Cellulose Acetate.—No further price change recorded and quotations were firm at the 30c. level established preceding period. Shipments moved to various consuming channels at a moderate pace.

Dibutyl Phthalate.—Dealings along routine lines. No change was disclosed in the quotations, and a steady to firm tone predominated.

Dichlorethyl Ether.—Consumers entered market for fair size replacements to keep market in a satisfactory position.

Ethyl Acetate.—Some spottiness developed in the buyings, but support was adequate to keep prices at firm levels.

Ethyleneglycol.—The market was a routine affair for the most part. Pricewise no new developments were uncovered.

Isopropyl Acetate.—Demand held at moderate levels in most directions. Prices lacked any change.

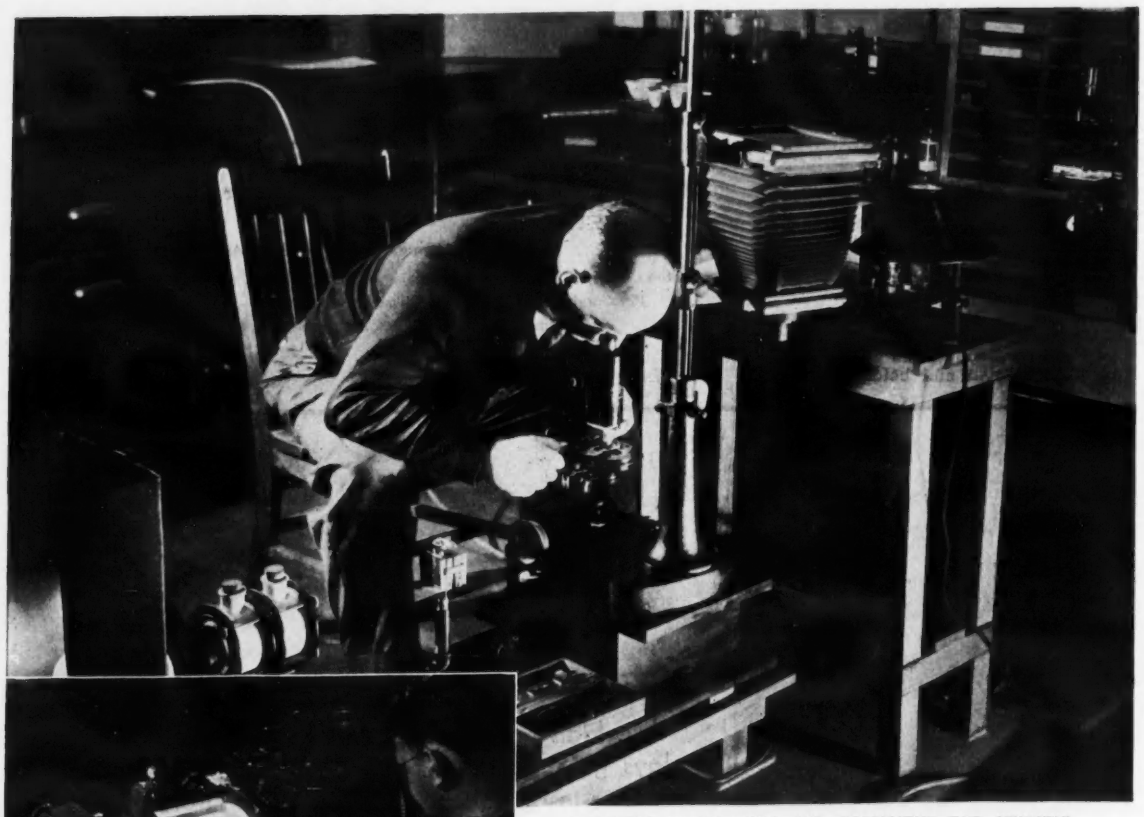
Methyl Acetate.—While the call was spotty, most consumers supplied orders in sufficient volume to retain prices at favorable levels.

Tricresyl Phosphate.—Some leveling off was discernible in certain consuming lines. Pricewise no change was disclosed, and the tone was one of firmness.

—*Continued on page* 41

FROM ORE TO OXIDE

The Story of St. Joe Zinc Oxide — Number 9 of a Series



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PLANT AND LABORATORY, JOSEPHTOWN, BEAVER COUNTY, PENNSYLVANIA

U.S. Testing Co. Fitted For Paint, Textile Tests

With the installation of a new weather-ometer, the United States Testing Company has announced that it can now make complete weathering and ageing tests on paints, lacquers, leathers, and coated fabrics, at its main Hoboken, N. J., laboratories.

The contraction and expansion caused by light, heat and varying degrees of moisture, along with other deterioration encountered in actual outdoor weathering, are duplicated on the new equipment. The company says that thirty 24-hour cycles on the weather-ometer are equivalent to a year of outdoor exposure for the majority of products.

Carbon Black Employed In New Electric Cable

Carbon black impregnated paper is employed as an insulating material on a new high-voltage electrical cable placed on the market by the Anaconda Wire & Cable Company, this city. The use of carbon black in the paper insulation of the cable is said to afford a simple and practical means of increasing the useful life of such solid type, impregnated-paper-insulated conductors.

The purpose of the carbon black in the paper, is described as that of stabilizer. Its action is to greatly retard deterioration of the impregnating oil also contained in the paper, under heat and electrical stress. Heretofore antioxidants were incorporated in the impregnating oil compound to combat its instability.

In the new development, highly adsorbent carbon black is incorporated into the paper batch during its pulp stage. The carbon black containing paper, in tape form, is then processed into the cable by standard methods. Inherently, the carbon black paper is said to shield from the electric field all materials which also may have been impregnated into the paper, such as oil.

Phillips Joins Continental As Development Engineer

Continental Carbon Company, this city, has appointed Bradway S. Phillips development engineer. Mr. Phillips will engage in carbon black development problems at the Continental plant, Sunray, Tex.

A graduate of Ohio State University as chemical engineer in 1929, Mr. Phillips has been associated with the B. F. Goodrich Company, Akron, Ohio, during the past ten years. While with Goodrich he was occupied with the testing of incoming materials, and for a number of years was compounding chemist specializing in processing methods affecting mixing, calendering and tubing. He was also with the tire development division as development compounder on tire treads.

New Paint Resins Offered By Reichhold Chemicals

A new pure melamine resin, "Super Beckamine No. 3500," is announced as now being available to paint manufacturers for use in enamel formulations in the July issue of *By Gum*, house organ of Reichhold Chemicals, Inc. In the same issue a new type modified phenolic resin, "Beckacite No. 1124," is also announced. The latter is recommended for use in rubbing varnishes.

Articles in the edition also discuss pure alkyd toluidine red enamels and time payment selling of painting jobs. A copy of the issue may be secured by communicating with Reichhold Chemicals, Inc., 601 Woodward Heights Boulevard, Detroit, Mich., mentioning the REPORTER.

Protective Coatings Described

The products of Prufcoat Laboratories, Inc., are described in a leaflet issued recently by the company. "Prufcoat" products have been developed for the protection of masonry, cement, brick, stucco, artificial stone, and metals, against the inroads of water, weather, acids and alkalies, and to restore surfaces already attacked. A copy of the presentation, entitled "Protection by 'Prufcoat'" may be obtained by addressing Prufcoat Laboratories, Inc., 2 Erie Street, Cambridge, Mass., mentioning the REPORTER.

Paint Materials

—Continued from page 40

Shellac

Shellac lacked new feature during the past week. For the most part, buyers appeared to hold fair quantities of goods and with needs protected fairly well ahead, their interest in new committments with sellers was about nominal. Developments in Calcutta were not productive of important new angles. Prices rose ½c. to ⅞c. during the week and seemed to be basically firm and on a sound basis. London stocks were believed still to be decreasing.

Bronze Powders

Contract withdrawals of stocks of aluminum powders and paste were slightly larger last week. Contracting for new season delivery continued to be fairly satisfactory, although most buyers had already committed themselves. The spot call for bronze powders was more quiet and business was characterized as routine. Metal leaf was moving satisfactorily. All prices were steady and unchanged.

Glues and Binders

Casein.—Increased production costs and a broadening of demand for casein prompted prominent producers to advance quotations ½c. per pound last week. The market was also strengthened by an advance in the price of dry milk powder. New quotations for casein were 13½c. to 14½c. per pound for carload lots of the 20-30 mesh and 14c. to 15c. for the 80-100 mesh. Argentine material profited by the strength of the domestic product and was advanced ½c. per pound to 11½c. to 12½c. for carload lots of the 20-30 mesh and 12c. to 13c. for the 80-100 mesh.

Glues.—Prices for bone and hide glues continued to show strength last week but prominent sellers held back any tendency to advance quotations. Demand was good and shipments were in good volume.

Soybean Protein.—The market was characterized by routine business and prices were steady and unchanged.

Owens-Illinois Can Names Thelen Assistant Manager

Harvey P. Thelen, who was for twelve years affiliated with Geuder, Paeschke & Frey, Milwaukee, has joined the Owens - Illinois Can Company as assistant manager of oil and paint container sales.

H. P. Thelen

In his new position Mr. Thelen will be assistant to Mr. J. F. Adams and will continue to contact users of metal packages throughout the United States. At Geuder, Paeschke and Frey, Mr. Thelen was assistant manager of steel package sales.

Litter Co. Boston Office To Be Relocated July 27

The D. H. Litter Company, manufacturers' agent on pigments, resins, oils and naphthas, this city, will relocate its Boston office July 27. The office, now at 216 Tremont street, will be moved to 60 Cambridge street, Allston, Mass., where the company maintains a warehouse.

National Chemical Offering New Interior Paint

National Chemical & Manufacturing Company, Chicago, is offering a washable interior paint with a synthetic resin binder under the trademark, "Rezinall." Samples and color card may be obtained from the company's main offices at 3617 South May street, Chicago, or Eastern offices at 26 Forrest street, Brooklyn, by mentioning the REPORTER.

DuPont Has New Wood Primer

Development of a new marine wood primer is announced by the finishes division of the E. I. du Pont de Nemours & Co., Wilmington. The company recommends it for use as a first or primer coat on new exterior wood surfaces or on surfaces where all the old finish has been removed and where finish coats of "Dulux" marine clear are to be applied. It penetrates the wood and acts as a sealer, retarding the absorption of moisture at butts joints.

SICO

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
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Toluidine Toners
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USI SOLVENTS & CHEMICALS
FOR LACQUER, SHELLAC, PAINT AND VARNISH

New Synthetic Drying Oils

—*Continued from page 3*

advisable in all cases as it is usually necessary to have plasticizing oils, such as dehydrated castor oil, soybean oil, or linseed oil, present to prevent brittleness from developing in the aged film. "Neo-Fat No. 19 T.G." bodies easily, may be cooked at commonly observed varnish temperatures, and no precautions are necessary to obtain gasproofness. So far as tests indicate gas-checking does not occur in varnishes made from "Neo-Fat No. 19 T.G,"

In drying time, adhesion, surface hardness, hot and cold water resistance, alkali resistance, and alcohol resistance, properly formulated "Neo-Fat No. 19 T.G." films are equal to chinawood-linseed formulation. Further tests also demonstrated that spar varnish prepared from a mixture of half "Neo-Fat No. 19 T.G." and half chinawood oil was far superior to straight chinawood varnish in every respect. Another fact of interest was that slower drying oils could be fortified with "Neo-Fat No. 19 T.G." as, for example, a mixture of 65 percent soybean oil and 35 percent "Neo-Fat No. 19 T.G." would be comparable to a high-grade linseed oil.

A commercially bodied "Neo-Fat No. 19 T.G." of the stand oil type is available, with average characteristics as follows:—

Saponification value	177.0
Iodine value (Wijs)	160.0
Acid value	4.0
Absolute viscosity, 25°C	30 poises
Specific gravity, 25°C	0.955
Color	pale yellow

"Neo-Fat No. 19 T.G." bodied is an excellent chill back oil and improves gloss and elasticity, helps to reduce after-yellowing, and imparts good brushing, flowing, and leveling characteristics. It also imparts improved stability to ready-mixed aluminum paints. "Neo-Fat No. 19 T.G.," both regular and bodied, is now being used in a great diversity of applications—varnish, enamels, lacquers, printing inks, linoleum, oilcloth, patent leather, putty, aluminum vehicles, core oils, are some of the many industries that employ these products.

Darker Type

A darker edition of "Neo-Fat No. 19 T.G." is the synthetic oil which has been designated as "Neo-Fat No. 17 T.G." This oil has general properties almost identical with "Neo-Fat No. 19 T.G." and is widely used when cost is a factor and color is not of prime importance.

Average characteristics of "Neo-Fat No. 17 T.G." are as follows:—

Saponification value	160.0
Iodine value (Wijs)	170.0
Acid value	8.0
Viscosity	heavy
Specific gravity, 25°C	0.984
Color	dark

"Neo-Fat No. 17 T.G." is a partially bodied oil, and naturally less time is required in the varnish kettle. In other ways recommendations for its use are identical with those previously given for "Neo-Fat No. 19 T.G." Additional uses for "Neo-Fat No. 17 T.G." are for the sealing and waterproofing of building board, cartons, and similar products, and in the formulation of core oils.

In core oils in particular, "Neo-Fat No. 17 T.G." is of marked value. Core oils formulated from this material produce cores with greatly increased tensile strength which may be baked at lower temperatures and which give increased core oven capacity due to the shorter baking time required.

Linseed Type

While the three oils just described primarily fall within the group of chinawood oil replacements another new synthetic oil just released from the experimental laboratory promises greatly to supplement our inadequate production of linseed oil. This oil, which has been called "Neo-Fat No. 23 T.G.," is produced from fractionally distilled soybean-oil fatty acids. Those not intimately acquainted with the industry will undoubtedly be surprised to learn that normally about two-thirds of our linseed oil requirements are imported from abroad. Production of a synthetic oil comparable to linseed oil from domestically grown soybean oil will have inestimable benefits for American agriculture and industry.

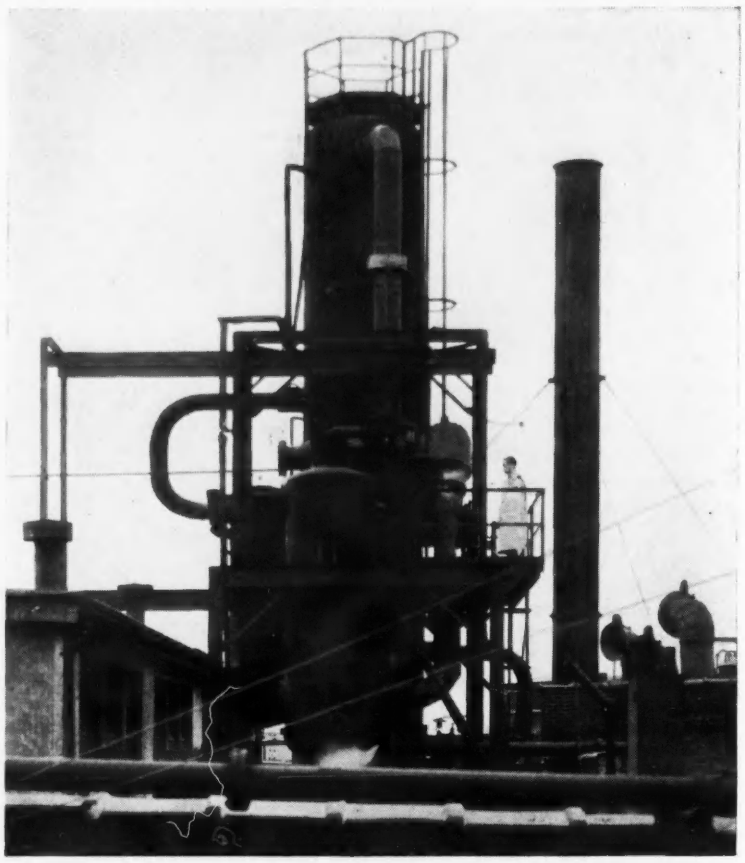
Basically the processes employed in the production of "Neo-Fat No. 23 T.G." consist of steps in which the crude soybean oil is broken down to mixed fatty acids and glycerin. Then these crude fatty acids are separated from the glycerin and processed to eliminate saturated acids and other impurities. Then finally the highly purified unsaturated fatty acids resulting from these processes are recombined with glycerin to form the new oil.

Preliminary tests on "Neo-Fat No. 23 T.G." indicate that the drying properties of this product are sufficiently good to warrant its use as a replacement for linseed oil in outside paints, and that such paints would have equal dry and better color retention than regular linseed paints. In varnishes, enamels, and the like, "Neo-Fat No. 23 T.G." is definitely a most desirable oil because of its nonyellowing tendencies. "Neo-Fat No. 23 T.G." is a light-colored, unbodied oil, acid value approximately 6.0, and with an iodine value of 145.0 or higher. Saturated acids have been almost completely eliminated.

Fractionated Fatty Acids

These synthetic oils had their inception in the production of fractionated unsaturated fatty acids. An unusual series of these unsaturated acids is available, as well as a complete line of pure saturated fatty acids from caprylic to behenic, and special blends of mixed acids. In alkyds "Neo-Fat No. 3-R" is a water white, nonyellowing type of acid widely used for refrigerator whites and similar applications. "Neo-Fat No. 23" is an improved soybean fatty acid, which is superior to linseed in many applications. "Neo-Fat No. 19" produces extremely rapid air-drying light-colored alkyds, and the saturated acids find application in the preparation of plasticizers, flattening and suspension agents, and other products. Outside of the protective coating field these acids are widely used by the chemical industry, and in the rubber, lubricating, buffing, soap, textile, and other fields.

All these oils and fatty acids are available in drums and in tankcar quantities. The degree of control which the fractional distillation process imparts to these new oils and fatty acids eliminates almost completely the variation found in natural oils, and while this process is still to a large degree an infant industry, it is possible to foresee that "tailor-made" oils and fatty acids from domestic sources offer innumerable advantages to American manufacturers and pave the way for a sounder market structure, elimination of shortages due to foreign wars, and better prices for the American farmer.



Part View of Armour Fractionating Column for Fatty Acids

This portion extends above the roof of the building. Comparison with the height of the man on the balcony gives an idea of the size of the structure.

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Manufacturers of Fine Chemical Pigment Colors

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Trade Briefs

Paint-up campaign in Abilene, Tex., records a total of 68,657 jobs to date, according to a preliminary 1940 report submitted to National Clean Up and Paint Up Campaign bureau, Washington, D. C.

Combined Metals Reduction Company, a subsidiary of the National Lead Company, was awarded a contract for a reduction mill at Pioche, Nev., to cost $600,000.

L. R. Boulware has been elected vice-president and general manager of the Celotex Corporation, this city. He has also been named to the directorate and executive committee.

Commercial Solvents Corporation, this city, has reported to the Securities Exchange Commission that a $1,000,000 note at 3½ percent had been off June 28. The note was due September 20, 1940.

R & H chemicals department of E. I. du Pont de Nemours & Co., Wilmington, has issued its price list for July quarter.

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS

CUTS PAPER SHIPPING STENCILS

A. J. Bradley Mfg. Co.

101 Beekman Street New York

Oils, Fats, and Waxes

Dehydrated Castor Oil Lower — Chinawood Advanced — Small Changes in Cottonseed Oil Futures — Fish Oils Down —Crude Coconut Easy—Sales of Tallow at a Decline

The market for miscellaneous oils, fats and greases continued quiet last week, many buyers and sellers still being disposed to await further developments in the European war as well as in political affairs at home. Sluggish markets for cottonseed oil and lard futures also had a tendency to make buyers of other oils and fats reduce purchases to a minimum. In such circumstances the trend of prices was downward despite light offerings of many products.

In a survey of the oils and fats situation, the Bureau of Agricultural Economics at Washington stated that some improvement in the lard situation is indicated by a probable reduction of about 10 percent in the size of the pig crop this year. It pointed out, on the other hand, that if the war in Europe should continue through the 1940-41 marketing season, an important outlet for domestic soybeans would be virtually lost and that a much larger output of soybean oil would be available for domestic consumption in the season beginning next October than in the current season.

Chinawood Oil

The local market for chinawood oil was stronger last week, prices being advanced ½c. or more per pound. The upturn was attributed to an advance recently in the Far Eastern market and to uncertainty concerning future supplies as a result of the action of Britain with respect to the closing of the Burma road. Inquiries were received more numerously here, but there were few transactions reported. Offerings on spot and for arrival from abroad continued very slight. Supplies of oil in the hands of independent importers here appeared to be small. According to a report from an official source at Hankow, stocks there at the close of June were approximately 2,688 short tons; the only sale in June was 30 short tons to a British firm. Importations were reported at New York last week of 250 long tons and 1,008 short tons.

SAN FRANCISCO, July 17.—Chinawood oil stronger. Sales reported at 24c. per pound in tankcars, f.o.b. Pacific Coast ports.

Markets in China

The tung oil situation at Hankow remained quiet with no exports during June, according to a radiogram to the Department of Commerce at Washington from the American Consulate General at Hankow.

The only sales in June were 30 short tons to one British firm. Arrivals at Hankow from upcountry amounted to small lots of good quality oil. At the first of June quotations were 230 Chinese dollars per picul of 133⅓ pounds (US$0.095 per pound) and closed the month at 206 Chinese dollars per picul (US$0.101 per pound). Stocks at Hankow the end of June approximately 2,688 short tons.

The Hongkong market likewise remained quiet. Stocks held the end of June by independent dealers were reported below 300 tons owing to a decline in receipts from Indochina. Tung oil was quoted at the end of June at 107 Hongkong dollars per picul in bulk (US$0.187 per pound). Very little business was transacted owing to the confusion caused by the Hongkong Government evacuation order and a general feeling of insecurity.

Some orders were, however, transacted on condition that the cargo would not be held longer than one month at Hongkong before shipment. Shipping firms were reluctant to grant space for less than 300 short tons of oil for each shipment. Hongkong tung oil exports in May totaled 1,939,915 pounds, of which 1,690,644 went to the United States and 249,271 to Europe.

Vegetable Oils

Castor, Dehydrated.—Market easier with raw material. Tankcar price reduced to 14c. per pound. Trade fairly active.

Coconut.—Crude slightly easier at 2⅞c. to 3c. per pound in tankcars. Refined steady. Trade quiet. Importations from Philippine Islands for year to June 29 were 173,898,873 pounds. Established quota for calendar year 448,000,000 pounds.

Corn. — Quotations ruled steady. Crude quiet. Offerings light. Fair request for refined. Corn crop for 1940 officially estimated at 2,415,998,000 bushels; production last year 2,619,137,000 bushels.

Cottonseed.—Edible oil steady. Fair demand for moderate lots.

Oiticica.—Inquiry stimulated by the strength of competing product. Offerings light. Tone steady.

Olive.—Quieter, buyers holding off for further developments abroad. Offerings light. Nominal denatured quotations reduced 5c.; foots ¼c.

Peanut.—Crude offerings were light. Nominal quotations advanced ¼c. Fair inquiry.

Perilla.—Tone steadier. Offerings light. Fair inquiry. Importations from Kwantung first five months of current year 936,000 pounds, against 12,573,000 pounds same time last year.

Rapeseed.—Tone firm. Trade quiet. Stocks small.

Sesame.—Scarce and nominal. Bombay advices state sesame acreage in India steadily curtailed. Exports during 1939 to all destinations 4,185 long tons, against 8,137 previous year and 17,410 two years ago.

Soybean. — Market fairly steady. Fair movement on contracts. New business quiet.

Markets at Other Centers

Chicago, July 19. — A slightly easier tone is reported in some sections of the vegetable oil market.

COCONUT.—Refined, edible oil, 7¾c. to 8¼c. per pound, drums, car lots; and 8¼c. to 8¾c., drums, less than car lots.

CORN.—Crude, low acid, 5½c. to 5⅝c. per pound. Refined, edible oil, 8¼c. to 8¾c. per pound, drums, car lots; and 8¾c. to 9¼c., drums, less than car lots.

SOYBEAN.—Crude, 4⅝c. to 4¾c. per pound.

The market for soybeans on the Chicago Board of Trade was quiet. Following is a soybean price record for the week:—

	High.	Low.	Closing July 19.	Closing July 12.
Cash, No. 2.	$0.83¼	$0.82	$0.84¼	...
July	.84¼	.82	.74¼	.81⅝
October	.74⅞	.73¼	...	.73¼

SAN FRANCISCO, July 17.—Vegetable oil quiet. Price changes narrow.

COCONUT.—Quoted at 2⅝c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills, with buyers indicating 2½c. Business very light.

COPRA.—Buying routine; small sales at 1.50c. to 1.55c. per pound.

OITICIA.—Raw, liquid oil quoted 19½c. per pound in drums, f.o.b. San Francisco.

BABASSU.—Quoted 5½c. per pound in tankcars, f.o.b. Pacific Coast mills.

PERILLA.—Quoted 15½c. per pound, duty paid, f.o.b. U. S. Pacific Coast ports. Trade light.

RAPESEED.—Refined, denatured oil nominal at 9⅜c. per pound in tankcars, f.o.b., San Francisco.

TEASEED.—Quoted 12¼c. per pound in drums, f.o.b., San Francisco.

Linseed Oil

Flaxseed irregular in domestic markets. Buenos Aires unchanged. Linseed oil and meal lower. Cake steady.

Flaxseed—DULUTH, July 19.—Rains in the Northwest and prospects of a 29,000,000 bushel crop, and scattered selling from the country have had their effect on the flaxseed market here. Demand steady and arrivals meagre. The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.65¼	$1.58	$1.58½
Monday	1.65½	1.57⅜	1.57½
Tuesday	1.65¼	1.57⅜	1.57½
Wednesday	1.64¾	1.57¾	1.57¾
Thursday	1.61½	...	1.55½
Friday	1.62½	1.56	1.55½

Crop movement in bushels follows:—

	Receipts— 1940.	1939.	Shipments— 1940.	1939.
This week	39,204	27	67,424	.....
Since Aug. 1.	4,319,125	1,687,350	4,568,310	1,631,926

MINNEAPOLIS, July 19.—With only a straggling movement of supplies to market, the flax situation remains very firm as compared with futures and there is an eager demand for offers because reserves are running low and operations of mills are declining steadily

Price Changes

Advanced

Chinawood oil, ½c. per lb.
Peanut oil, ¼c. per lb.

Reduced

Castor oil, dehydrated, 1½c. per lb.
Coconut oil, ¼c. per lb.
Copra, 15/100c. per lb.
Grease, ¼c. per lb.
Linseed meal, 50c. per ton.
Linseed oil, 2/10c. per lb.
Menhaden oil, refined, 2-10c. per lb.
Olive oil, denatured, 5c. per gal.
Olive oil foots, ¼c. per lb.
Sardine oil, refined, 2-10c. per lb.
Stearin, ¼c. per lb.
Tallow, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
100.4	**101.6**	**101.9**	**98.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)

RUBY OLEINE BRAND (*distilled*)
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(*saponified*)
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(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

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America's largest producers of
STEARIC and OLEIC ACIDS
All Grades Saponified and Distilled
FATTY ACIDS • GLYCERINE • PITCH
SPECIAL FATTY ACID DERIVATIVES
Since 1840
EMERY INDUSTRIES, INC.
Originators of Twitchell Process
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"Before You Buy-Ask WECOLINE"
—If you are looking for higher standards of PURITY, BRILLIANCE, and LIGHT COLOR in
DISTILLED VEGETABLE FATTY ACIDS
COCONUT SOY BEAN
LINSEED TEASEED
OLIVE OIL COTTON SEED
SPECIAL FATTY ACIDS:
STEARIC LAURIC CAPRIC
WHITE OLEIC
CAPRILIC MYRISTIC
Specifications and Samples For the Asking

For Special Requirements
Manufacturers of products which call for individually-processed fatty acids under rigid specifications, are cordially invited to consult with us. It is likely that our laboratory can develop the exact special fatty acid you need.

WECOLINE Products, Inc. BOONTON, N.J.
Sales Offices NEW YORK.....CHICAGO.....BOSTON

WOBURN HIGH QUALITY FATTY ACIDS HAVE BEEN THE STANDARD FOR YEARS FOR THE MANUFACTURE OF ALKYDS OF ALL TYPES

(Linseed, Soybean, Perilla, Sunflower, Isoline, Cocoanut, Lauric, Helioline-D)

WOBURN FATTY ACIDS FOR SOAP MAKING LOWER THE COST AND IMPROVE THE QUALITY OF THE SOAP

(Cottonseed, Palm, Cocoanut, Olivine, Distoline, Helioline-D)

WOBURN DRYING OIL (DEHYDRATED CASTOR OIL) PRODUCES THE MOST DURABLE OF ALL FILMS AND FILMS WITH SUPERIOR COLOR RETENTIVE PROPERTIES

(Isoline)

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Chemical Division HARRISON, N.J.

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STEARIC ACID

Saponified and Distilled

Single, Double and Triple Pressed Cake, Flake and Powdered

OLEIC ACID

Saponified and Distilled

Light Color, Various Titres in Barrels, Drums and Tankcars

WHITE OLEINE

U. S. P. Specifications Guaranteed

CRUDE GLYCERINE 88%

TALLOW FATTY ACIDS

WHITE PALM OIL FATTY ACIDS

A. GROSS & CO.

Sales Office: 122 East 42nd St., New York, N. Y.

FACTORY: NEWARK, N.J.

Local elevator stocks of seed decreased 90,000 bushels in four days compared with an increase of 3,000 in the same period a year ago. Tenders on July contracts held at 205,000 bushels and open interest at the close of the Tuesday session of the market was only 2,000 bushels. September total was 1,036,000 and December 102,000, grand total 1,140,000. Considerable of the probable new crop production has been hedged by farmers or by interior shippers making contracts with farmers.

Crop news mostly is very good, though complaints of drouth damage continue to come from the northern part of the producing area. Rust hit a large number of fields in Minnesota but samples of growing plants received here indicate that the attack was frustrated by advanced growth at time of the infestation.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.62¼	$1.57	$1.57¼
Monday	1.62½	1.57½	1.58
Tuesday	1.62	1.57¼	1.57¾
Wednesday	1.61¾	1.56¾	1.56¾
Thursday	1.58½	1.54	1.53½
Friday	1.59½	1.55	1.54½

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	5,600	5,000	5,600	6,000
Since Sept. 1	4,598,600	1,787,741	2,285,900	690,900

WINNIPEG, July 19.—The week's closing flaxseed price range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.28	$1.28	$1.31
Monday	1.28	1.28	1.31
Tuesday	1.28¼	1.28	1.30¾
Wednesday	1.28	1.28	1.31¼
Thursday	1.28	1.28	1.31
Friday	1.39½	1.28	1.31

BUENOS AIRES, July 19.—Opening prices per bushel on August contracts were:—

	Last week.	Last Year.
Saturday	$1.16⅝	$1.17⅜
Monday	1.16⅝	1.17⅜
Tuesday	1.16⅝	1.14⅜
Wednesday	1.16⅝	...
Thursday	1.16⅝	1.13¾
Friday	1.16⅜	1.13¾

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United States	.....	150,000	268,000
United Kingdom	.....	.....	.....
Continent	.....	.....	626,000
Orders	.....	.....	43,000
Others	20,000	67,000	24,000
Totals	20,000	217,000	961,000

Since January 1

To—	Bushels This year.	Bushels Last year.
United States	8,668,000	9,964,000
United Kingdom	5,837,000	344,000
Continent	11,852,000	15,766,000
Orders	606,000	6,845,000
Others	601,000	2,064,000
Totals	27,564,000	35,183,000

Visible Supply

	Bushels.
Last week	5,118,000
Previous week	4,724,000
Last year	5,512,000

HULL, July 19.—La Plata flaxseed quoted at £15 per long ton; Bombay, £17⅜.

Linseed Oil. — Competition among sellers continued rather keen in the local market for linseed oil and the tone again weakened, quotations being reduced two points to the basis of 8.4c. to 8.6c. per pound in tankcars. The movement on contracts showed an increase but consumers and dealers were disposed to hold off so far as new business was concerned pending further developments in the crop situation. Crop accounts were generally favorable and few here were disposed to look for any broadening of trade until the next monthly government report is received. Receipts of flaxseed in Northwestern markets were light and the offerings were readily absorbed by crushers. Production at the mills in some centers showed a further curtailment and stocks of oil were said to be small and steadily diminishing. Crop news from Argentina was less favorable, frequent rains in some important sections delaying seeding. Unsold supplies of old crop seed in that country were said to be less than half what they were at this time last year.

MINNEAPOLIS, July 19.—Linseed oil quiet. Shipping instructions on maturing contracts are better than good and mills are operating as freely as they can. Stocks of flax are running low and all but 25 percent of the presses have been shut down. This makes the net loss in local reserves heavier from day to day and it looks as though there would be a good clean-up of old oil some time before it is possible to prepare new.

Quotations on carload lots, f.o.b. Minneapolis, tanks, 8.6c. per pound; cooperage, 9.2c. per pound; warehouse, 9.6c. per pound.

Shipments of oil in pounds were as follows:—

	1940.	1939.
This week	3,150,000	1,680,000
Since Sept. 1	133,420,000	68,667,332

SAN FRANCISCO, July 17.—Linseed oil quiet. Tankcars, 8.5c.; drums, car lots, ex-mill, 8.9c.; drum lots, ex-warehouse, 9.5c.

CHICAGO, July 19.—Linseed oil is still easy. Buyers are showing little interest. Tankcar, 8.6c. per pound; drums, car lots, 9.2c.; drums, less than car lots, 9.6c.

LONDON, July 19.—Linseed oil, 44s. per cwt.

Cake and Meal.—Meal was reduced 50c. per ton, a better inquiry being noted at the lower level. Cake quiet and steady.

MINNEAPOLIS, July 19.—Meal news is well mixed and traders are jittery. Shipments are very liberal and there apparently is a need for all of the supply available. Stocks here have been wiped out and the current output is small.

Quotations on carload lots, f.o.b. Minneapolis, 100 pound sacks, $24 to $24.50 per ton.

Shipments of meal in pounds were as follows:—

	1940.	1939.
This week	5,080,000	1,600,000
Since Sept. 1	168,130,000	89,940,650

CHICAGO, July 19.—Linseed meal is slow, but underlying tone is believed to be a little steadier. Round lots, $24 per ton, mostly nominal; car lots, $24 to $25; less than car lots, $27 to $28.

Cottonseed Oil

Local and Southern markets for cottonseed products were quiet. Price movements narrow.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

CHINA WOOD OIL

WAH CHANG TRADING CORPORATION

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SPOT New York, N. Y. FUTURE

For the Pharmacist as a Tablet Lubricant

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For the Ceramic Manufacturer as a Pressed Lubricant and Binder

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TALL OIL

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PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS

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District Representatives

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Codes: Yopps, Robinsons, Bentleys, A. B. C., 5th Edition, Peerless

Cottonseed Oil.—Trading in refined cottonseed oil futures was extremely quiet last week, the attitude of many local and other operators still being a waiting one. Price movements were exceptionally narrow much of the time and devoid of any particular significance. There was further switching from near to distant positions. July was switched to September at a difference of 3 points and to October at 2 points. September was switched to January at 7 to 8 points difference, October to December at 5 points and December to January at 2 points. Further tenders on July contracts brought the total for the month thus far up to 60.

Southern markets for crude cottonseed oil were quiet, with offerings light and quotations mainly nominal. Unsold stocks at the mills were said to have been closely cleaned up. There were reports of a somewhat better request for cash refined oil. Crude coconut oil was a shade easier. Sales of tallow were reported at lower prices.

Receipts of hogs at some points were larger than expected. Arrivals of hogs in the principal Western centers for four days of the week aggregated 227,200 head against 212,000 in the same time last year. The weight of the hogs received in Chicago during the week ended July 13 averaged 235 pounds against 233 pounds in the previous week. Stocks of lard in that market increased 3,651,683 pounds during the first half of June bringing the total on June 15 up to 195,562,601 pounds, or 92,424,771 pounds more than a year ago.

The weekly government cotton crop report was regarded as bullish in the main, excessive rainfall and abnormally low temperatures being the chief drawbacks.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from July 15 to July 19, inclusive, consisted of 133 contracts, a total of 7,980,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	6.14	6.13	6.17@6.19
March	6.24	6.18	6.20@6.25
July	6.10	6.10	6.00@6.15
September	6.13	6.05	6.10@6.13
October	6.13	6.07	6.13@6.14
December	6.18	6.10	6.15@6.16

Crude, Southeast, .05⅝c. nom.

Chicago, July 19. — Cottonseed oil is quiet, with an easy undertone. Good, off-Summer yellow fig oil is 6⅛c. per pound. Refined, edible oil is 8½c. to 9c. per pound, drums, car lots; and 9c. to 9½c., drums, less than car lots.

Hull, July 19.—Cottonseed oil, refined, 35s. 7½d. per 12 pounds; crude, Egyptian, 31s. 1½d.

Cake and Meal.—A generally steady tone was reported in Southern markets for spot material. A fair inquiry was noted for meal.

Markets at Other Centers

Atlanta, July 18.—Cottonseed oil more active and firmer. Sales to the feed trade at $25.75 to $26.25 per ton on spot. Prime crude oil 5⅜c. Three weeks of daily rains have markedly affected unfavorably the condition of the cotton crop in this section.

Memphis, July 19.—Cottonseed products ruled steady. Business quiet. Offerings light. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	July 10.	July 18.
July	$23.25@.....	$25.00@27.00
September	20.85@.....	21.45@21.75
October	20.50@.....	20.25@20.35
December	20.60@.....	20.25@.....

Fatty Acids

Capric Acid.—Quotations maintained. Tone steady. Trade quieter.

Caproic Acid.—Fair movement on contracts and transient orders. Market steady.

Coconut Oil. — Contract movement apparently holding up well. Call for additional lots slow.

Cottonseed Oil.—Consumers generally purchasing for current needs only. Movement fair. Market steady.

Linseed Oil.—Consumption reported on a fair scale. Prices steady.

Red Oil. — Business rather slow. Consumers awaiting further developments in raw material.

Stearic Acid. — No broadening of trade noted. Fair movement of comparitively small quantities.

Chicago—July 19

Fatty acids are somewhat steadier than recently. Buying is moderate.

RED OIL.—Distilled or saponified, 6¾c. to 7¾c. per pound.

STEARIC ACID. — Distilled, single press, 9½c. to 10½c. per pound; double press, 9¾c. to 10¾c.; triple press, 12½c. to 13½c.

OTHER FATTY ACIDS. — Corn oil, double distilled, 8½c. to 9c. per pound, tankcar; 9c. to 9½c., drums, car lots; 9½c. to 10c., drums, less than car lots; coconut oil, acidulated, 9½c. to 10c. per pound, tankcar, mostly nominal; 10c. to 10½c., drums, car lots; 10½c. to 11c., drums, less than car lots; cottonseed oil, double distilled, 8c. to 8½c., tankcar; 8½c. to 9c., drums, car lots; 9c. to 9½c., drums, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2¾c. to 3c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1½c. to 1¾c.

Fish Oils

Menhaden.—Refined oil remained in an easy position. Quotations reduced two points. Trade quiet.

Sardine. — Demand for refined oil limited to small lots for prompt shipment. Quotations lowered two points.

Sperm.—Trade fairly adtive. Tone steady. Quotations held at previous levels.

Whale. — Fair movement on contracts. New business slow. Prices stationary.

Markets at Other Centers

Baltimore, July 17.—Crude menhaden oil remains quiet. The fishing companies in the lower Chesapeake Bay have taken so many orders on a when-and-if-made basis that the current small production makes it decidedly doubtful whether they will be able to fill the business booked.

SAN FRANCISCO, July 17.—At least two prominent factors in the trade here have raised the question during the last few days concerning the possibility that Alaska herring will not see the reduction tanks this season unless a move is made immediately to settle the labor dispute. There is still considerable variance between the price offered the fisherman and the figure the latter want. A further lack of success has been seen in California, Oregon and Washington. A meeting last week developed nothing more apparently, than a demand for $14 per ton on raw fish by the boat operators, against $11 per ton paid them last year.

The California season, where most of the catch occurs, opens officially on August 1, but it was pointed out that there was small likelihood of getting started by this date.

Markets meantime are inactive. No business is being done. California oil, future delivery, nominally quoted at 30c. per gallon.

Fats and Greases

Grease.—Market easier with other commodities. Quotations lowered ¼c. per pound. Trade quiet.

CHICAGO, July 19. — Choice white grease, 3¾c. to 4c. per pound, tierces; yellow, 10-16, 3⅜c. to 3⅝c.

Lard.—Domestic purchases generally limited to small or moderate lots. Export movement light. Price changes narrow.

CHICAGO, July 19. — Following is a lard price record for the week:—

	High.	Low.	Closing July 19.	Closing July 12.
Cash	$5.77	$5.70	$5.72	$5.85
July	5.72	5.65	5.67	5.80
October	5.97	5.85	5.90	6.02

Stearin.—Quiet and easier. Nominal quotations shaded ¼c. Offerings light.

CHICAGO, July 19.—Prime oleo stearin, barrels, 5¼c. to 5½c. per pound; lard stearin, 5½c. to 6c.

Tallow.—Offerings somewhat freer. Tone easier. Moderate sales reported at 4⅛c. per pound for extra; later at 4c.

CHICAGO, July 19. — Edible tallow, tierces, 4c. to 4¼c. per pound; inedible, prime, 3⅞c. to 4⅛c.; special, 3⅝c. to 3¾c.

A change in the tallow contract on the New York Produce Exchange specifies a color not darker than 11 F. A. A. and a free fatty acid content of not over 6 percent.

There was no trading in tallow futures on the New York Produce Exchange from July 15 to July 19, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
October	...	...	4.00 nom.
December	...	...	4.00 nom.

Animal Oils

Lard. — Consumers purchasing for current needs only. Movement light. Market steady.

CHICAGO, July 19.—No. 1 lard oil, 8c. to 8½c. per pound.

Neatsfoot.—No broadening of trade. Fair movement of small lots. Tone steady.

Oleo. — Purchases generally limited to small or moderate lots for prompt shipment. Market steady.

CHICAGO, July 19.—Extra oleo oil 7c. to 7¼c. per pound.

Tallow. — Quotations maintained. Tone steady. Fair movement.

CHICAGO, July 19. — Acidless tallow oil, 8c. to 8¼c. per pound.

Waxes

Bees.—Bleaching operations making good progress. Creation of reserve stocks well underway. Prices very steady on spot with demand above level with recent sales volume.

Candelilla.—Not especially active. Prices holding well under firm control in primary market.

Carnauba.—Still a buyers' market. Prices subject to shading. Demand light to poor. Competition the dominant factor on spot. No further change in open market but schedule believed subject to shading.

Japan.—Quiet on spot. Firm in Japan. Fair stocks at both points. No shading locally since replacement cost rose.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Carbide Plant Planned In Oregon by Stuart Co.

—Continued from page 5

hour basis. Any additional power required by the Company for temporary periods during the first two years over and above the amount contracted for with Bonneville will be supplied by Northwestern Electric.

The Stuart Oxygen Company, of which the Pacific Carbide & Alloys firm is a subsidiary, manufactures various types of gas for industry and the medical profession at plants in San Francisco, Oakland and Los Angeles. Patrick Coyne is president of the Stuart company. J. G. McCallum has been named superintendent of the new Portland plant. He is a graduate metallurgist from the Michigan School of Mines.

Plans for the new plant include construction of a steel building 200 feet long. The company will build its own barrel plant for the manufacture of steel drums at the rate of 10,000 each month. An initial payroll of 25 men is contemplated, Coyne said.

Mehl to Be CEA Chief

Dr. Joseph W. T. Duvel, chief of the Commodity Exchange Administration, will become associate chief on August 1, after thirty-eight years service in the Department of Agriculture. Dr. Duvel asked to be relieved of his administrative responsibilities in order to devote most of his time until retirement to research. He will be available as staff advisor on policy questions involving commodity marketing problems.

Joseph M. Mehl, assistant chief of the Commodity Exchange Administration, will succeed Dr. Duvel as chief. Mr. Mehl, assistant chief since 1929, has had over twenty years experience in the department.

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Beehive Brand BEESWAX • Finest Quality • Guaranteed Pure
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Dept. E-7 Syracuse, N. Y.
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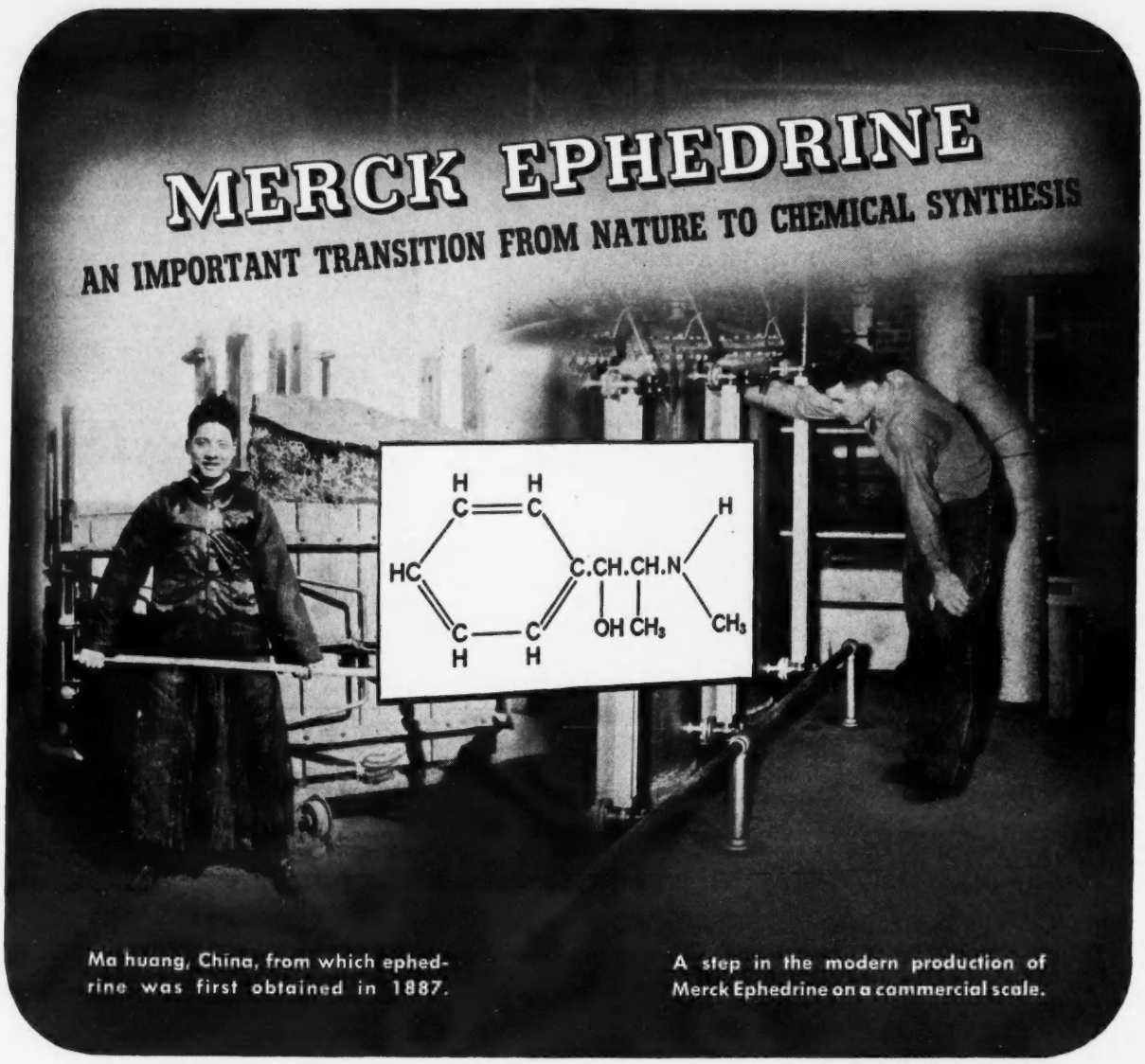
AN IMPORTANT TRANSITION FROM NATURE TO CHEMICAL SYNTHESIS



Ma huang, China, from which ephedrine was first obtained in 1887.

A step in the modern production of Merck Ephedrine on a commercial scale.

MERCK Ephedrine, *identical with the natural alkaloid*, is officially recognized by the United States Pharmacopoeia and establishes an independence of the foreign source of supply for American consumers. Pharmacologic and clinical tests have proved that its action and therapeutic effects are identical with those of the natural product. It is available in the form of the hydrochloride and sulfate for use in powder, capsules, nasal jellies, aqueous solutions for topical application to mucous membranes or as nasal sprays, and as the alkaloid for solution in light liquid petrolatum.

Merck Ephedrine is available in the following forms:

- **Ephedrine Alkaloid Anhydrous U.S.P.**
- **Ephedrine Alkaloid U.S.P. (Hemihydrate) Water content 5.17%**
- **Ephedrine Hydrochloride U.S.P.**
- **Ephedrine Sulfate U.S.P. Crystals and Powder**

RACEMIC EPHEDRINE IS AVAILABLE AS:

- **Racemic Ephedrine Alkaloid**
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FINE CHEMICALS FOR THE PROFESSIONS AND INDUSTRY SINCE

* 1818 *

LITERATURE ON REQUEST

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.

Drugs, Fine Chemicals

Bromine and Bromides Decline, First Change Since November, 1931 — Competition the Cause — Castor Oil Down —Quicksilver Steadier—No Rise in Minor Iodides

Prices that had been unchanged since November, 1931, came under revision last week when competition brought about a downward revision of bromine and bromide quotations. The decline affected major and minor bromides alike, and also established lower quotations on hydrobromic acid and bromoform. The only other change in price was a drop in castor oil values, a development expected for some time because of the much lower cost of production resulting from the sharp downward revision in quotations on castor beans. Minor iodides and tincture of iodine remained unchanged notwithstanding the recent rather sharp rise in quotations on crude iodine and the major iodides.

Demand for drugs and fine chemicals in general was very good throughout the period. Some quarters reported a high volume of transactions while others said that trade was very satisfactory. Seasonal articles were in especially good request. Export business continued to be influenced by conditions stemming from the war. May exports totaled $2,395,000, 44% ahead of May, 1939.

No further drop in quicksilver prices was accompanied by the maintenance of very firm quotations on mercurials. Tartar products were fully strong and the price tendency continued upward.

Solvents moved well. Prices were steady and were expected to be maintained by the probable development of even larger consumption as industrial activity increases with the passing of the Summer period.

Acetanilide.—Business normal and fully steady. Price stable.

Acetophenetidin. — Jobbing orders up. Larger quantity transactions routine but steady.

Acid, Acetylsalicylic. — Movement good and up to seasonal expectations. Price stability undisturbed. Ample stocks.

Acid, Boric.—Shipments prompt and in good volume. Contract tenders accepted well.

Acid, Citric.—Well stabilized prices. Excellent demand. Favorable outlook for future.

Acid, Hydrobromic.—Lower market at 48c. per pound for the U.S.P. 48 percent item. Result of lower bromine prices.

Acid, Pyrogallic. — Photographic grade moves well and steadily. Very firm prices. Offerings conservative but apparently ample.

Acid, Tartaric. — Strong. Active along seasonal lines. Raw material shows no improvement. Some users have turned to citric acid.

Agar.—Firm prices and fair demand. Call not exceptional. Replacements very firm at source.

Alcohol.—Full price schedule maintained firmly. Demand good to excellent. Outlook favorable. General gain in industrial activity expected to raise general consumption of alcohol.

Ammonia Bromide.—Lower price on bromine brings sharp drop in derived products. This item reduced to 31c. per pound in barrels; 32c. in kegs; and 34c. to 35c. in boxes.

Ammonia Citrate.—Firm, well stabilized prices. Inquiries numerous and about normal in number. Deliveries prompt.

Ammonia, Hypophosphite.—Business conservative but developed by steady call. Full price maintenance noted.

Ammonia, Salicylate.—Routine demand on jobbing lines generally reported. Quotations lack development.

Bismuth Metal and Salts.—Sales up to normal volume. Prices apparently very steady. Good consumption of metal offerings.

Bromine.—Purified reduced 5c. per pound. New market 25c. per pound in 1,000-pound lots; single packages, 30c. Reflects competitive price unsettlement of late.

Bromoform.—Down to $1.42 per pound in carboys and to $1.50 in bottle packing, 100-pound lots.

Price Changes

Advanced

None

Reduced

Acid, hydrobromic, 4c. per lb.
Ammonia bromide, 4c. per lb.
Bromine, purified, 5c. per lb.
Bromoform, 10c. per lb.
Calcium bromide, 5c. per lb.
Castor oil, 1c. per lb.
Magnesium bromide, 5c. per lb.
Potash bromide, 4c. per lb.
Soda bromide, 4c. per lb.
Strontium bromide, 3c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
203.7	203.8	203.2	182.7

Market news that may have developed after this report was sent to press will be found on page 4.

Cadmium Bromide.—Schedule remains unchanged irrespective of drop in bromine prices. Cadmium cost maintenance a factor.

Calcium Bromide.—Schedule down 5c. Market ranges 65c. to 70c., according to quantity. Sharp drop in raw material cost and competition behind movement.

Calcium Gluconate.—Steady to firm and in good request. Sellers' probable needs well covered in current production.

Calcium Lactate.—Jobbing quantities moving quietly but steadily. Quotations lack change.

Calomel.—Still strong despite recent slightly raw material price recessions. Trade normal.

Camphor.—Demand remains fine and prices hold strong.

Castor Oil.—Oil prices drop 1c. per pound. Cold pressed, USP, tanks, 11½c. per pound; drums, carlots, 12c.; less car lots, 12¾c. extracted, No. 3, tanks, 11c.; drums, car lots, 11½c.; less car lots, 12¼c. Reflects lowered production cost.

CHICAGO, July 17.—Castor oil 1c. lower. Market: Cold pressed, U.S.P., barrels, car lots, 12⅝c. per pound; barrels, less than car lots, 13⅜c.; returnable drums, car lots, 12⅜c.; drums, less than car lots, 13⅛c.; tanks, 11⅞c.; No. 3, barrels, car lots, 12⅛c.; barrels, less than car lots, 12⅞c.; returnable drums, car lots, 11⅞c.; drums, less than car lots, 12⅝c.; tanks, 11⅜c.

Chloroform.—Business normal and very steady. Prices firm. Competition not exceptional.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Federal Wholesale Druggists, Sept. 8-11, Hot Springs.
National Wholesale Druggists, Sept. 30-Oct. 3, White Sulphur Springs.
DCAT outing, Oct. 18-19, Skytop.
Pest Control Association, Oct. 28-30, Indianapolis.

VITAMIN PRODUCTS
FISH LIVER OILS
ATLANTIC COAST FISHERIES CORP. OF N. Y.
111 JOHN STREET, NEW YORK, N. Y.

Baker's chemicals
BISMUTH SUBNITRATE
Made from C.P. Nitric Acid and purest Bismuth metal. Uniformly light, fluffy, smooth and of great bulk. Send for samples of this chemical and other Bismuth Salts.
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HIGH VITAMIN POTENCY
FISH LIVER OILS
(NATURAL VITAMINS A & D)
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Largest Producers and Refiners of
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QUALITY STANDARD THE WORLD OVER SINCE 1883
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AMMONIUM CHLORIDE U. S. P.
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POTASSIUM CHLORIDE N. F.
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REFINED GLYCERINE
ALL GRADES
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Refineries located at:
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• BERKELEY, CALIF.
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COLGATE-PALMOLIVE-PEET CO.
GLYCERINE DEPARTMENT
105 Hudson Street Jersey City, New Jersey

Chrysarobin.—Offered in quantities covering needs. Stocks moderate. Raw material in fair reserve.

Codeine.—Movement down to seasonal limits. Steady market at firm prices. Raw material in fair reserve.

Codliver Oil.—Production off Newfoundland banks expected to gain this year. Producers strive to provide Canadian needs. Spot market firm with sellers reserved.

Corn Syrup.—Still lacking in further change, reflecting fairly steady production costs. Demand up to usual volume for this season.

Corrosive Sublimate.—Demand very good and entirely normal. Recent slight unsettlement in raw material without effect.

Cream of Tartar.—Very strong. Moving well at recent advance. Production cost holding high. Further price rise not unlikely.

Ephedrine.—Outlook for good season improves. Low prices expected to stimulate consumption.

Ether.—Entire group in steady price position. Demand about normal with some tendency toward moderate increases.

Formaldehyde.—Contract tenders accepted with avidity. Consumption levelling with expectations. Prices steady.

Glycerin.—Demand good. Special feature lacking but movement holds to normal volume. Prices firm with completely stability the rule. Deliveries prompt on all grades.

CHICAGO, July 17.—Glycerin market steady. Prices are:—Chemically pure, 12¼c. per pound, tanks; 12½c., drums, car lots; 13c., drums, less than car lots; high gravity, 11¾c. per pound, tanks; 12c., drums, car lots; 12½c., drums, less than car lots.

Iodine and Iodide.—Feature was failure of minor iodide prices to rise. Major items receive good call at recent advance. Entire situation very firm.

Iron Pyrophosphate.—Slowing down of demand noted. No easing of stabilized price position.

Magnesia.—Demand consistently active. Consumption running well to normal. Prices steady.

Magnesium Bromide.—Reduced 5c. to basis of 90c. per pound when competition brings lower raw material values.

Menthol.—Narrow market. Orders involved small needs of prompt character. Competition keen.

Mercurials.—Steady. In normal demand. Recent raw material price recessions not affecting quotations.

Methanol.—Steady. Contracts being taken out normally and promptly. Qotuations display complete stability. No sign of early change.

Paraformaldehyde.—New business gaining. Deliveries on contracts satisfactory. Quotations very steady.

Phenobarbital.—Firm prices. Production moving in satisfactory volume. Close to normal activity in all ways.

Potash, Acetate.—USP trade routine. Satisfactory. Outlook encouraging. Firm prices.

Potash Bicarbonate.—Spot quotations still largely nominal.

Potash, Bromide.—Lowered 4c. per pound. Market: Barrels, 27c. per pound; drums, 28c. Decline accompanied drop in raw material and rise in competition.

Potash Carbonate.—More inquiry for USP and sales rise considerably. Generally firm market undertones prevail.

Potash Citrate.—Selling freely. Consumers have full assurance of price stability. All requirements covered promptly.

Potash Guaiacolsulphonate.—Irregular demand noted. Mainly small volume. No shift in prices.

Quicksilver.—Reasonable price stability. Market $197 to $198 per flask, spot. Very fair demand. Several applications for export license filed but not acted upon yet. Goods destined for Great Britain.

SAN FRANCISCO, July 17.—Business interest mainly in spot quicksilver. Some noted in later deliveries. Spot and nearby metal scarce. Local prices, $193 to $194 per flask, spot.

Quinine.—Very firm. Situation of Netherlands Indies still subject to Japanese policy. Local stocks being conserved. All legitimate domestic needs cared for.

Resorcinol.—USP selling at $1.80 per pound minimum in firm market.

Rochelle Salt.—Consumption giving added support to prices. Raw material situation improved not a jot. Tendency upward still evident.

Saccharin.—Very good business. Seasonal consumption in good volume. Prices very firm.

Santonin.—Lessened demand but no weakness of prices. Small stocks the rule.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	26⅞	34¾	21¾
Monday	26⅞	34¾	22⅛
Tuesday	26⅞	34¾	22⅛
Wednesday	26⅞	34¾	22⅛
Thursday	26⅞	34¾	22½
Friday	26⅞	34¾	22⅜

Soda Benzoate.—Sellers report excellent shipments against contracts. New orders also good in number and size. Steady prices.

Soda Bromide.—Reduced 4c. per pound. Market 27c. per pound in barrels, and 28c. in drums. Result of competition, mainly.

Soda Citrate.—No unusual request but exceptionally steady call is productive of good volume. Stabilized prices prevail.

Strontium Bromide.—Lower at 52c. per pound, a 4c. reduction. Result of recent competition. Basic raw material down, too.

Trade Briefs

Canadian medicinal production in 1938 was valued at $17,447,326 as compared with $17,547,432 in 1937.

Paul D. Robinson has been named advertising manager for Sharp & Dohme, pharmaceutical manufacturer, Philadelphia.

William A. Maxwell, who has just received his degree in chemical engineering, at the South Dakota School of Mines, has joined the research staff of the Foote Mineral Company, Philadelphia.

R. B. Donnelly, formerly new products manager of Vick Chemical Company, has become vice-president in charge of sales, sales promotion and advertising for Waitt & Bond, Inc., cigar manufacturer.

Medicinal and toiletry importers and dealers in Honduras have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at the usual cost of $1.

Pharmaceutical and chemical products are desired by a visitor from Spain who was expected to arrive in the United States shortly for a stay of six months. Full details regarding this visitor are available to accredited American firms by referring to foreign visitor No. 1368.

Approved Products, Ltd., Oak Park, Ill., was recently named by the Post Office Department in a fraud order for attempting to sell a preparation called "Minus-Sinus" as a cure for sinus and nasal infections. The product contains 28.2 parts of boric acid, 23.2 of starch, and 48.55 of sugar.

THREE ELEPHANT BORAX AND BORIC ACID
Purity Guaranteed Over 99.5%
The AMERICAN POTASH & CHEMICAL CORPORATION
70 Pine Street New York
Stocks carried in principal cities in the United States and Canada
TRONA MURIATE OF POTASH
A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

Serum Seller Fined $1,000

For violating the Federal virus-serum-toxin law dealing with the production and sales of serums and other biological products intended for the treatment of domestic animals, the Marrinan Supply Company of St. Paul, Minn., has been found guilty by the jury of the United States District Court for Minnesota. The court imposed a fine of $1,000. Evidence in the case was gathered by inspectors of the Bureau of Animal Industry, which administers the law.

The defendant was charged with: Shipping serum interstate which had not been prepared in an establishment holding a license issued by the Secretary of Agriculture; shipping a product that was dangerous and harmful, and shipping serum that was worthless within the meaning of the virus-serum-toxin law.

Dreyer Catalogs Essences

"Essences by Dreyer," a catalog of perfume specialties, has been issued by P. R. Dreyer, Inc., essential oils and aromatic chemicals, this city. This "B" catalog lists many types of perfume oils under individual headings compiled according to the product in which the oils are used. Classified listings for almost every use to which perfumes may be put, including the most exquisite extra types and also all cosmetic types as well as complete sections devoted to perfumes for industrial use are provided. A special feature of the catalog is the two pages devoted to simplified charts and conversion tables. Copies may be obtained by writing P. R. Dreyer, Inc., 119 West 19th street, this city, mentioning the REPORTER.

Coty, Inc. to Buy 100,000 Shares of Its Stock

Directors of Coty, Inc., cosmetics, this city, have decided to liquidate the company's securities holdings and to purchase 100,000 shares of its outstanding stock, if the stock could be bought at $5 a share or less. Accordingly, an offer was being made to stockholders until July 23, 1940, to buy 6½ percent of the holdings of any stockholder at $5 a share. With the exception of $31,801 out of a total of $598,198, these holdings consisted of government, State and municipal bonds.

McK.& R. Sales Up

McKesson & Robbins, Inc., this city, reported June sales of drugs and sundries of $8,975,678, compared with $8,933,345 in June a year ago. The total for six months was $54,748,996, as against $52,120,747 in the same period a year ago.

Synthetic Rubber Data Compiled by B.of S.

—Conttnued from page 3

actions of manufacture, and the general conditions of polymerization or condensation.

Appended in the article is a bibliography of over 200 references covering the literature on synthetic rubber in the decade from 1930 to 1940.

Copies of "Synthetic Rubbers: A Review of Their Compositions, Properties and Uses" (circular C427) are for sale by the Superintendent of Documents, Government Printing Office, Washington, at 10 cents each.

Inhibitors Research Results Given by Standards Bureau

Treating water with a small amount of chemicals, and controlling the amount of active acid present in the treated water will greatly decrease losses resulting from corrosion in air-conditioning systems, according to the National Bureau of Standards. J. H. Wilson and E. C. Groesbeck of the metallurgy division of the Bureau report in the June, 1940, issue of the bureau's *Journal of Research* the results of an experimental study of corrosion inhibitors. Results of the study are given in detail in paper RP1305, copies of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, at five cents each.

Walter Wallace, vice-president of the Oldbury Electro-Chemical Company, Niagara Falls, has been elected a trustee of the Niagara County Savings Bank.

Toilet Preparations Exports In May Tabulated

The value of United States exports of toilet preparations during May, according to the Bureau of Foreign and Domestic Commerce, was as follows:—

Classification.	Value.
Dental creams	$136,291
Other dentifrices	12,100
Talcum powder in packages	52,957
Face and compact powder	37,850
Cold creams	14,868
Vanishing creams	12,463
Other creams, lotions and balms	22,613
Rouges	16,219
Lipsticks	76,154
Other cosmetics	15,020
Manicuring preparations	26,599
Depilatories and deodorants	5,683
Hair preparations	48,012
Perfumery and toilet waters	14,181
Other toilet preparations	44,173

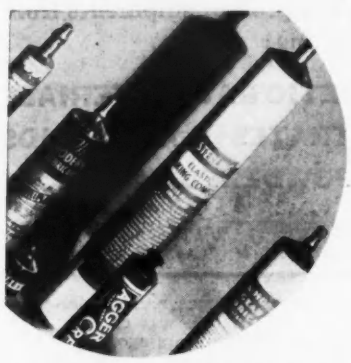
Jergens Names Gramke, Belleville, N.J., Manager

Edward T. Gramke, secretary of the Andrew Jergens Company, Cincinnati, has been appointed resident manager for the large plant being built by the company at Belleville, N. J. Mr. Gramke, who will continue as secretary of the company, will supervise completion of the Belleville plant then remain in charge. A native Cincinnatian, he went to work for the company thirty years ago.

McCormick Overseas Co. Formed in Baltimore

McCormick Overseas Trading, Inc., Baltimore, has been formed with offices in the McCormick building. The incorporation papers of the new organization will allow it to engage in the general commission business, to carry on, and all business as manufacturers and importers. Directors of the company are Charles P. McCormick, president of McCormick & Co.; E. De Lamar, B. E. Furr, J. N. Curlett and J. Grayson Luttrell, all associated with McCormick & Co.

Columbia Alkali Corporation, this city, a division of Pittsburgh Plate Glass Company, has appointed Charles W. Hoyt Company, to handle its advertising, effective October 1, 1940.



Forty Years of successful experience in making every type of collapsible tubes, plain or decorated, in sizes up to One Quart. STANDARD Tubes are known everywhere for their uniformly great toughness and strength. Regular or special Openings, Necks or other devices designed to facilitate application of products packaged in tubes or small cans. Catalog free. STANDARD SPECIALTY & TUBE CO., 18th Street, New Brighton, Pa.

STANDARD Collapsible TUBES

d-GLUCOSE (Dextrose)

The chemical derivatives of this economical raw material may have properties which fit into your process. Among others now available for research is:

GLUCOSE PENTAPROPIONATE
Boiling Point 205°C. at 2mm.
Soluble in: Chloroform, Ethanol, Methanol
Insoluble in: Water
Physical State: Viscous Oil

For bulletin describing other glucose derivatives write
CORN PRODUCTS REFINING COMPANY
New Products Department
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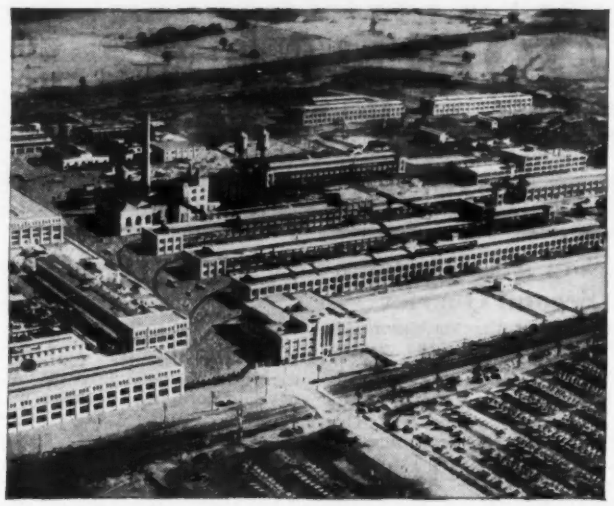

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Nicotinic Acid Amide
Methylene Blue U.S.P. (Powder—Crystals)
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Mathieson Alkali Income Up in Second Quarter

Net earnings of the Mathieson Alkali Works, this city, for the quarter ended June 30, 1940, amounted to $463,398, equivalent to 51c. a share on the outstanding capital stock, the company reported yesterday. This compares with net earnings of $174,098, or 16c. a share, in the corresponding period of 1939. For the first six months of 1940 the company earned $827,540 on its capital stock, or 90c. a share, against $336,046, or 31c. a share, in the first half of 1939.

E. M. Allen, president of the company, stated that customer demand for its products continued at a good rate during the second quarter. As exports shipments for the first six months of this year only paralleled those of normal periods, the increased volume and increased net profit for the six months just ended as compared with the first six months of 1939, are the result of increased domestic consumption of our regular products together with a substantial movement of our new product, synthetic salt cake, he added.

Colored Box Stock Offered

A new display and shipping container material, known as "Colorgated," has been offered by the United Container Company, Philadelphia. The new material is said to differ from corrugated stock in that up to six waterproof colors can be printed on it in a single press run. Heretofore only two colors could be printed in a single sheet, it is stated.

"Colorgated" is offered in a variety of weights, flexible or rigid, and lined with either jute or kraft. The United Container Company declares that in order that manufacturers may obtain "Colorgated" boxes locally, it is selling the material in sheet or roll form to local boxcrafters for final fabrication.

W. D. Lindsay, traffic manager for the United States Gypsum Company, Chicago, has retired after thirty-seven years of service.

Obituaries

Aquilla Jackson

Aquilla, Jackson, deputy food and drug commissioner for Maryland, died unexpectedly July 13. A native of Baltimore, Mr. Jackson was educated at Baltimore City College and the School of Pharmacy of the University of Maryland. In 1916 he joined the staff of the firm of Morgan & Millard, retail druggist. He was member of the Baltimore Retail Druggists' Association, the Maryland Pharmaceutical Association, and the American Pharmaceutical Association, and served a term as secretary of the Maryland Board of Pharmacy.

Surviving are his wife and three children.

Willis S. Kilmer

Willis S. Kilmer, manufacturer of medicinal supplies, died July 12 in Binghamton, N. Y., after an illness of a year. He was seventy-one years old.

Although more widely-known as a sportsman and breeder of race horses, Mr. Kilmer was recognized in the medicinal field for his establshment of the Kilmer Pathological Laboratory in Binghamton. In early life he had charge of the advertising of the proprietary medicine firm operated by his father, Jonas M. Kilmer. A fortune was made in the manufacture of a product known as "Swamproot."

William B. Pratt

William B. Pratt, chemical engineer, and an authority on rubber and textiles, died at his home in Boston July 13. He was sixty-eight years of age.

One of Mr. Pratt's outstanding achievements as a chemical engineer was his development of a water dispersion of crude rubber which greatly simplified the handling of this substance and has had wide application in the technical world. He held British, French, German and American patents on the process.

A graduate of Amherst College in 1895, Mr. Pratt devoted the early years of his career in developing explosives that were relatively safe to handle. For almost twenty years after the World War he indulged in rubber research, including field work in Central America, and work with reclaimed rubber and development of artificial latex. In recent years his time was chiefly consumed in textile research with a view to developing higher-grade fabrics and, consequently, a greater market for the cotton production of the Southern States.

Joseph H. Saville

Joseph H. Saville, president of the Pyrites Company, Wilmington, Del., died July 13 in Flushing hospital, following an attack of acute appendicitis sustained while he was visiting the New York World Fair. He was fifty-one years of age.

Widely-known in American and European metallurgical and mining circles, Mr. Saville was born and educated in the West. He was superintendent of the Forest City Gold Mining Company from 1911 to 1912 and later joined the metallurgical staff of the Anaconda Copper Company. He went to Wilmington in 1917 as assistant plant manager of the Pyrites Company and was named vice-president in 1930. He was elected to the presidency five years ago.

James V. Boise, an auditor for the Sinclair Refining Company, Philadelphia, died of a heart attack July 17 in Reading, Pa. He was fifty-one years of age.

R. C. Crowe, vice-president and general counsel for the Consolidated Mining & Smelting Company of Canada, died in his Summer home in British Columbia July 14.

Robert L. Dodge, retired artist and associate member of Harriet Hubbard Ayer, Inc., cosmetics, this city, of which his widow is president, died July 16 in his Summer home in Mill Neck, L. I. He was sixty-eight years of age.

Matthias A. Meldahl, secretary of the American Varnish Company, Chicago died recently. He was fifty-nine years of age. Surviving are his wife, a daughter and his mother.

Richard W. Norton, wealthy oil operator of San Antonio, Tex., died of a heart attack July 17 in Chicago, where he was attending the Democratic national convention as a delegate. He was fifty-four years of age.

Edwin A. Perls, a chemist, was found dead of illuminating gas poisoning July 18 in his home in this city. He was fifty-five years old.

Samuel S. Rhodes, founder of S. S. Rhodes & Son Company, paint distributor, Indianapolis, died recently in his home. He was 101 years of age. The business is now operated by his son, Clarence R. Rhodes.

Mrs. Mary L. S. Richardson, widow of Lunsford Richardson, sr., a founder of the Vick Chemical Company, this city, died July 16 in Greensboro, N. C., after a short illness. She was eighty-two years' old.

Charles J. Weber, shipping master of the Socony Vacuum Oil Company, died on July 16. He was sixty-one years of age.

Priorities on Fingerprints

Timely comment on the subject of fingerprints is given in the feature article of the July issue of *Priorities,* house organ of the Prior Chemical Corporation, this city. The development of the art is sketched briefly, as is the practical operation of the registration system. The protection to the individual and public in general which would accrue from universal registration is outlined and instances are cited which lend strong emphasis to this theme.

Charles S. Smith, vice-president in charge of sales for National Refining Company, will resign July 31 to become general manager of sales for the White-Star-Ohio division of the Socony-Vacuum Oil Company, a newly created position.

Botanical Drugs, Spices, and Gums

Japanese 1940 Pyrethrum Crop May Rise 25 Percent Over 1939—Henbane Higher—Ergot and Goldenseal Reduced —Sarsaparilla and Senega Prices Down

Mainly firm prices but no great measure of demand summed up conditions in the local market for botanical drugs last week. Replacement cost of foreign merchandise, when replacement is probable, counts much in the maintenance of spot quotations regardless of current volume of trade. Conditions in the domestic growing areas were certainly not suggestive of substantially cheap collections this year and hence spot values appeared to hold steadier than usual during the growing season. Hence, the general maintenance of quotations.

A twenty-five percent gain in Japanese pyrethrum production in 1940 has been suggested as possible by the United States consular observers in Japan. Also, progress with cultivation in the Belgian Congo was reported by the same service and a company to control exports at the source may be formed. Finally, local importers from Kenya, the British colony in East Africa, watched closely the attacks of the Italians on the northern boundry of this important pyrethrum producer.

Henbane leaves were higher and in very light supply. Strictly N. F., doggrass root was stocked poorly but some domestic root, usually not N. F. in quality, was priced under the imported N. F. item. Sarsaparilla root from Mexico and Senega root from Canada continued to turn in favor of buyers. French celery seed was almost extinct. Ergot and goldenseal dropped sharply.

Balsams

Copaiba.—Trade ordinary and routine at steady to firm prices.

Fir.—Very firm. Demand good. Improved substantially of late. No price shading.

Barks

Cinchona.—War stimulates imports from South America. Arrivals, first five months, 1940, total 80,720 pounds, comparing with 18,712 pounds in corresponding months, 1939. Columbia largest shipper this year, sending 49,944 pounds. Guatemala next with 20,940 pounds. Ecuador last with 9,836 pounds.

Orange Peel.—No further price shading. Steadier situation. Shipments from Mediterranean Sea ports uncertain.

Soap. — Considerable competition. No further price decline. Market routine.

Beans

St. Ignatius.—Steady in price. Moderate in demand. Fair stocks held.

Vanilla.—Strong market in all respects. Advances maintained. Replacement costs show no easing. Tendency still upward. Demand very good on spot, equalling recent volume easily.

Berries

Juniper.—Strongly priced. Stocks shrinking. Replenishment highly doubtful. Quotations usually subject to confirmation.

Raspberries. — Possibly a shade steadier, but still placed favorable for buyers. New crop offerings noted.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1940, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	533	1,921
Belladonna	69	305
Caraway	1,354	11,538
Cardamom (cases)	...	1,028
Celery	...	3,456
Coriander	1,986	11,974
Cumin	1,983	6,891
Digitalis leaves (cases)	1	1
Dill	...	199
Fennel	485	1,016
Henbane leaves (bales)	230	270
Mustard	2,800	4,112
Poppy	550	28,183
Sage leaves (bales)	...	249
Sesame	2,314	1,925
Stramonium	121	8,049
Thyme	...	1,353

Price Changes

Advanced

Calendula flowers, 5c. per lb.
Celery seed, French, 5c. per lb.
Cinnamon, Ceylon No. 3, ¼c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ¼c. per lb.
Henbane leaves, 10c. per lb.
Laurel leaves, Greek, 1½c. per lb.
Marjoram, French, 1c. per lb.
Pepper, black, Alleppy, ½c. per lb.
white, Java Muntok, ¼c. per lb.
Singapore Muntok, ½c. per lb.

Reduced

Caraway seed, ½c. per lb.
Cardamom, decorticated, 1c. per lb.
green, 1c. per lb.
Cumin seed, Morocco, ½c. per lb.
Cyprus, 1½c. per lb.
Ergot, 75c. per lb.
Fenugreek seed, ¼c. per lb.
Goldenseal root, 25c. per lb.
Mace, Banda, 1c. per lb.
Mustard seed, California yellow, ¾c. per lb.
Dutch yellow, 1c. per lb.
Paprika, Spanish, extra fancy, 1c. per lb.
Pepper, red, chillies, Japanese, ¼c. per lb.
Pimento, ½c. per lb.
Sarsaparilla root, Mexican, 1c. per lb.
Senega root, futures, 3c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
200.1	207.3	209.2	124.8

Market news that may have developed after this report was sent to press will be found on page 4.

Flowers

Calendula. — Stocks very small. Prices 60c. to 72c. per pound as to seller. Subject to confirmation.

Clover.—Outlook favors stimulation of domestic production. European red item probably unobtainable due to stoppage of ocean shipments. Prices very firm here.

Lavender. — Prices strongly maintained. Present stocks must cover consumer needs for some time to come. French sources of supply cut off.

Pyrethrum.—Italy attacking Kenya Colony, British East Africa, on northern boundry. Importers of Kenya pyrethrum watching situation closely. Production in Belgian Congo expected to be about 500 metric tons in 1940, Produced from about 1,000 hectares under cultivation. A "pyrethrum board" may be formed to control exports in future. Production in Japan expected to rise in 1940. Increased acreage planted may increase crop by 25 percent over 1939, according to U.S. consul. Japanese army a heavy buyer

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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100% COMMERCIALLY PURE
PYRETHRUM
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(OIL OR WATER SOLUBLE)
—ALSO—
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CELERY SEED
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CLOVES MADAGASCAR
CORIANDER SEED
Hungarian and Moroccan
CUMIN SEED
FOENUGREEK SEED
MARJORAM LEAVES, French
PARSLEY SEED
SAGE LEAVES
SESAME SEED HULLED
THYME LEAVES, French
AMINOPHYLLIN
ASPIRIN, QUININE AND OTHER TABLETS
BARBITOL
CARBOLIC ACID CRYSTALS
EPHEDRINE SALTS
ICHTHAMMOL
LANOLIN ANHYDROUS
MENTHOL
Japanese and Chinese
MILK SUGAR U.S.P.
PETROLATUM U.S.P.
STRYCHNINE
COD LIVER OIL
Medicinal and Poultry
VITAMIN PRODUCTS
ORANGE OIL, Sweet
PEPPERMINT OIL U.S.P.
SAVIN OIL
AGAR AGAR JAPANESE
Shreds, Cut and Powder
ALOES, Curacao and Cape
BALSAM PERU
BELLADONNA LEAVES
BELLADONNA ROOT
CORIANDER OIL, U.S.P.
GENTIAN ROOT
GRAINS OF PARADISE
GUM ARABIC AMBER SORTS
GUM CAMPHOR JAPANESE
Powder, Slabs and Tablets
HELLEBORE ROOT WHITE
HERBE MENTHE
HOREHOUND HERB
IPECAC ROOT
LAVENDER FLOWERS
Hand Picked and Prime
LINDEN FLOWERS
MAHUANG, CHINESE
MALEFERN ROOT
ORRIS ROOT VERONA
PSYLLIUM SEED
Black and Blonde
PSYLLIUM SEED HUSKS
RHUBARB ROOT
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Lily of the Valley, No. 2862
Lilac, No. 2863
Jasmine, No. 2864
Incense, No. 2865
Rose Geranium, No. 2866
Mimosa, No. 2867
Eau de Cologne, No. 2905

HOW DO YOU EVALUATE THE PERFUME YOU PUT IN YOUR PRODUCT?

There are various ways in which it is usually done.

No. 1 Price per pound.
This can mean about anything. It is no index of value at all.

No. 2 Impression on smelling the oil either from a bottle or on a blotter.
This also is unreliable.
Many oils smell entirely different in the finished product.

No. 3 From the odor of the finished product directly after manufacture.
This also is deceiving as odors change in the finished product with the passage of time.

No. 4 After the lapse of a sufficient period comparable to the time normally elapsing between the product shipment from your plant and its use by the ultimate consumer.
This is the only test. The only value you receive from money expended in perfuming your product is the value at the time of its ultimate consumption.

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It is soap-fast and will not discolor.

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9 SO. CLINTON ST., CHICAGO, ILL. 907 ELLIOTT ST. WEST. WINDSOR, ONT.

at prices with top fixed at 20½c. per pound. No limit set on export price. Production, acreage, and exports, 1936 through 1939 were:

	Acres.	Production 1,000 pounds.	Exports 1,000 pounds.
1936	77,231	26,432	12,366
1937	69,115	24,167	19,498
1938	61,411	24,192	10,189
1939	56,313	25,760	8,429

Gums

Arabic.—Firm in price. Moderate demand. Replacement costs advanced by longer transport route from source. Sellers reserved. Prices unchanged.

Camphor. — Demand excellent. Above seasonal norm. Prices firmly maintained. Replacement in Japan very firm. Little change in cost to produce domestic synthetic.

Tragacanth. — Strong. Prices tend upward. Sellers reserved. Offerings moderate. Stocks not readily replaceable.

Herbs and Leaves

Henbane.—Ranged 70c. to 85c. per pound and not easily obtained at either figure. Purely a sellers' market. Normal primary market cut off.

Laurel.—Greek higher and nominal at 9c. per pound. Turkish, 9½c. to 10c. and very firm.

Sage.—No Dalmation stemless offered. Trifle of garden variety offered at 36c. to 37c. per pound. Primary markets cannot be tapped for replacements.

Miscellaneous

Ergot.—Dull. Lower. Spot $2.75 to $2.80 per pound; futures, sixty to ninety days, $2.25.

Lycopodium.—Strictly nominal market. Prices around $4.75 per pound, subject to confirmation.

Papain.—Moving well in fair-sized quantities. Prices steady and lacking change.

Roots

Doggrass.—Strictly N. F. root held firm at 35c. to 36c. per pound. Some domestic root, usually not N. F., quality, priced more favorably. Imported root in low supply.

Goldenseal.—Lack of export market brings weakness. Prices down to $3.25 to $3.30 per pound.

Sarsaparilla.—Mexican root 14c. to 15c. per pound, down a shade under competition.

Senega.—New crop cheaper at 57c. to 58c. per pound, so quoted for later delivery. Spot delivery around 80c. to 85c. with no buyers.

Seeds

Caraway.—Lack of demand brings further decline to 20c. to 20½c. per pound. Nothing forthcoming from source.

Cardamon.—Decorticated shaded to 84c. to 85c. per pound. Green, to 65c. to 66c. Moderate reaction from recent rise in slow market.

Celery.—Those with French seed command prices fully. No competition. Price 40c. to 42c. per pound subject to confirmation. Indian seed up to 16¼c. to 16¾c. per pound.

Cumin.—Morocco seed 19c. to 19½c. per pound, being slightly lower. Cyprus seed down sharply to 17½c. to 18c.

Fenugreek.—Shaded to 4c. to 4½c. per pound. Doubt as to further shipments from source. More local competition in dull market.

Mustard.—New crop California yellow bring spot revision to 11½c. to 12c. per pound. Dutch yellow lower at 14½c. to 15c on light request.

Spices

Cinnamon.—Fractionally higher at 17c. to 17½c. per pound for No. 3 Ceylon. No. 2 unchanged at 18c. to 18½c.

Clove. — Madagascar, fractionally higher at 16¼c. to 16½c. per pound; Zanzibar also up to 16¼c. to 16½c. No change in Amboyna.

Mace.—Banda off to 54c. to 55c. per pound under competition. Batava, Siauw, and West Indian steady and unchanged.

Nutmegs.—West Indies easier as demand shrinks at source. Markets other than United States curtailed by war. Spot price down to 8½c. to 9c. per pound.

Paprika.—Sole chance came in extra fancy Spanish, sold at 38c. to 39c. per pound. All other varieties steady.

Pepper.—Black Alleppy advanced to 6½c. to 6¾c. per pound. Lampong unchanged. White Java Muntok raised to 8c. to 8½c. and Singapore Muntok goes to 7¾c. to 8c. Japanese chillies off at 17c. to 17½c. Mombassa unchanged.

Trading in black pepper futures on the New York Produce Exchange from July 15 to July 19, inclusive, comprised 15 contracts, a total of 504,000 pounds. Following is a price record for the week:—

	Cents per pound— High.	Low.	Close
January	3.55	3.54	3.45@3.50
March	3.62	3.52	3.52 sale
May	3.70	3.70	3.57@3.65
August	3.35	3.35	3.32 nom.
October	3.36	3.36	3.38@3.41

Pimento.—Sold at 17c. to 17½c. per pound in a market made easier and lower by competition.

Procter & Gamble, soap manufacturer, Cincinnati, will build a new warehouse at 1601 West Seventh street, Long Beach, Calif., at a cost of $23,500.

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Essential Oils, Aromatic Chemicals

Demand for Juniper Substitutes Likely to Gain — Geranium Showing Further Strength — Distilled Lime More Active —Lemon and Orange Demand Seasonal—Clove Steadier

Basic conditions changed very little in the market for essential oils and aromatic chemicals last week. The basic factor of high replacement cost on foreign items was unaltered, nor was there reason to think that cost would turn in importers' favor at an early date. Demand was about normal for the Summer season and contributed its share to the very evident price firmness and stability.

Failure of new crop juniper oil to reach this country in even fair quantities ultimately may bring about a sharp rise in call for substitute materials. Oil prices were higher and stronger last week. Replacement of geranium was more expensive, according to some, and spot selling prices were up at the end of the period.

Citrous oils came in for normally active and distinctly seasonal request. Lemon and orange produced in this country were being supplied in good volume and promptly covered all requirements based on actual consuming requirements. High prices have about ended consumer interest in Italian oils. Distilled lime was active and sales came at higher prices throughout the period. Expressed oil was very firm.

Outlook for domestic oil production was said to be very fair. Production of peppermint, spearmint, tansy, wormwood, wormseed, and pennyroyal was expected to create reserves close to normal size.

Price Changes

Advanced

Geranium, Algerian, 75c. per lb.
Bourbon, 50c. per lb.
Juniper, 75c. per lb.
Lime, distilled, 50c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
128.9	127.6	127.5	70.1

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Firm. Good demand along jobbing lines. Little competition.

Amber.—Crude and refined steady. Call moderate and for prompt needs. Prices steady to firm.

Amyris.—Little carried over. Little required at present. Moderate production indicated.

Anise.—Undertones firming materially. No shading of local quotations. Very firm undertones result from primary market position.

Apricot.—Firm. Moving normally at fully maintained prices. Fair stocks available.

Bay.—Plenty of oil available. Only moderate quantities taken. Quotations very steady.

Bergamot.—Not very active. Prices strong. Sellers not anxious to move stocks. Cannot be replaced now.

Bois De Rose.—Jobbing business builds very fair total of trade. Prices steady to firm. Little competition. Primary market stabilized.

Cajeput. — Hand-to-mouth demand maintained. Quotations firm and not subject to shading. Replacement cost gives no sign of early change.

Camphor.—Well stabilized prices maintained in firm fashion. Stocks conservative. No wide distribution.

Cananga.—Demand continues jobbing. Prices firm. Very little competition.

Capsicum (Oleoresin).—Better demand. Jobbing orders gain. Prices firmer.

Caraway.—Stocks very small. Prices about nominal. Holders can name their own figures; no competition.

Cassia.—Fundamentally firm due to replacement uncertainties. Far Eastern situation not the least improved.

Cedarleaf.—Still good demand along seasonal lines. Prices well supported. Fair reserves.

Cedarwood.—Moving very well and subject to steady absorption of stocks on account of domestic requirements of seasonal sort.

Citronella. — Competition keeps prices unsettled and favorable for buyers. Moderate trade in spots. Futures not active.

Clove.—Steadier at recent reduction. Raw material firmer. Very good call.

Coriander. — Normal transactions. Recent arrivals eased seed supplies. Oil prices firm to stronger. Fair request.

Croton.—Good jobbing request. Firmly held prices. Unimportant competition locally.

Cubeb.—Oil prices held firm by lack of easing in raw material position. Fair consumption reported. Firm undertones locally.

Cumin.—More inquiry. Some gain in sales. Prices steady to firm. No competitive shading on spot.

Dill. — Seasonal activity noted. Prices firm. No unusual stocks. Some report trend toward less than normal reserves.

Erigeron.—Sufficient stock available to cover small needs over balance of season. No unusual production likely.

Eucaylptus.—Outlook for firm prices unchanged. Shipments slow from source. Freighters not numerous. Spot quotations supported by good request.

Geranium.—Higher. Aigerian, $3.75 to $4 per pound. Bourbon, $3.50 to $3.75. Quotations often subject to confirmation. Replacement up.

Grapefruit.—Routine trading gains slowly. Prices firmly held. Ample stocks

Ginger.—Steadier at late decline. No special feature in routine market.

Juniper.—Scarce. Hard to replace. Price up to $4 to $4.50 per pound, quoted subject to confirmation.

Juniper Tar.—No further price concession. Steady market under limited demand.

Lemon.—Very firm. Domestic oil moving well. Little interest in Italian item. Seasonal consumption satisfactory.

Lime.—Distilled item advanced to $5 to $5.50 per pound. Likely to go higher on continued good demand. Expressed very firm.

Mustard. — Domestic item caring readily for present moderate needs. Prices steady.

Orange.—Seasonal request excellent. No scarcity of spot stocks. Italian oil received little attention due to too high cost.

Peppermint.—Crop progress fairly satisfactory. Carryover stocks to be moderate. Current demand mainly for small lots.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Aromatic Chemicals

Bromstyrol.—Stocks none too ample but supplying all current demand. Prices firm.

Carvol. — Quiet item. Steady in price. Not overly well stocked.

Cinnamic Alcohol. — Good movement into consumption. Prices well supported in all quarters.

Cinnamic Aldehyde.—Jobbing business main demand. Prices very steady.

Citral.—Movement fair but not expansive. Volume well maintained. Prices held steady.

Citronellal. — Deliveries prompt. Ample offerings noted. Fully maintained prices the rule.

Citronellol. — Demand about normal. Occasional sales show gains. Prices quiet but steady.

Citronellyl Acetate.—Well stocked. Demand slightly more active. No heavy call, however.

Citronellyl Phenylacetate. — Demand lags. Solely for jobbing needs. Prices fail to weaken.

Citronellyl Butyrate.—Good movement built from hand-to-mouth purchases. Prices fully supported.

Coumarin.—Business normally active. Prices definitely firm. Complete stability the rule at present.

Cyclamen Aldehyde.—Less call and a drop of demand to jobbing limits noted. No shifting of price.

Diethyl Phthalate.—Stocks believed less than estimated. No shortage likely, however. Prices fully firm.

Demethyl Hydroquinone.—Sales indicate hand-to-mouth needs of most buyers. Sellers report absence of destructive competition.

Diphenyl Methane.—Demand slow. Solely jobbing. Prices show steady maintenance.

Diphenyl Oxide.—Movement about normal. Fully up to recent call. Market quiet but very steady.

Ethyl Cinnamate. — Jobbing sales mount moderately. Create firmer undertone to prices.

Ethyl Phenylacetate. — Slow market without adverse effect on prices. Fully steady undertones accompany limited competition.

Ethyl Vanillin.—Sales maintained well. Volume compares favorable with recent record. Quotations apparently stable.

Eucalyptol. — Price maintenance based on firmness of raw material. Also, demand contributes strength to general market.

Geraniol. — Thoroughly routine market. Well stocked. Possible expansion of demand covered. Prices low and distinctly favorable.

Geranyl Acetate. — Less interest shown in larger lots. Fair jobbing trade reported. No pending price unsettlement noted.

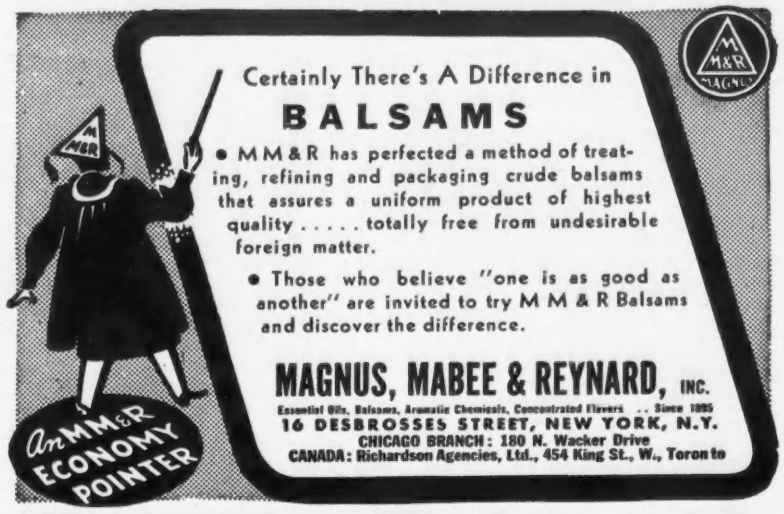
Geranyl Phenylacetate. — Rather more competition than of late. No effect on apparently stable prices. Fair stocks in reserve.

Hyacynth Geraniol.—Steady on spot. Request not better than fair. No exceptional stock in reserve.

Hydroxycitronellal. — All qualities firmly priced. Movement good and up to recent volume. Production ample.

Isosafrol.—Not overly well stocked. Sellers display some reserve. Call along quiet lines.

Linalool.—Firm. Demand normal. Some report widening interest. Quotations well maintained.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Drastic Reductions Effected in North Texas Crude Oil Prices —State Bodies May Act to Strengthen Oil Situation —Paraffin Lower—Midcontinent Lubes Down

Oil refining companies last week effected the most drastic reduction in the buying price for North Texas and Oklahoma crude oil in years. Readjustment in prices in the Midcontinent area, however, have been expected for several weeks. Stocks of crude and its products have been increasing in recent months and at the same time the price of refined products has been declining steadily. Another factor in the reduction was the fact that export movement of oil products has been reduced to the lowest level in recent years, with little prospect of improvement in the near future.

Whether the reductions will be made by all large companies depends on what the Texas Railroad Commission and other regulatory bodies do to further restrict production. Two members of the Texas body declared they would be willing to take the lead in further curtailing oil production "in order to keep the industry regulated." They asked Governor Leon C. Phillips of Oklahoma to call a meeting of the Interstate Oil Compact Commission to consider the need for further reduction.

The general petroleum products market was more or less routine during the week. The price of bunker C fuel oil delivered alongside industrial plants was advanced at the Gulf Coast. Crude scale paraffin was reduced in both the East and the Midcontinent. Lubricating oils were lower in the latter area. Gasoline consumption continued to improve but no favorable price reactions were recorded. Petroleums were in slightly better demand but the white mineral oils market was slack.

Price Changes

Advanced

Oil, fuel, bunker C, 10c. per bbl., f.a.s. Gulf Coast.

Reduced

Kerosene, tankwagon, 5 points, basis Balto.
Oil, lubricating, ½c. per gal., basis group 3.
Paraffin, crude scale, bgs., ¾c. per lb., basis group 3.
bbls., ⅝c. per lb., basis N.Y.
Petroleum, crude, at well, 20c. to 22c. per bbl., N. Texas.
20c. to 22c. per bbl., Tussy Pool, Okla.

Market news that may have developed after this report was sent to press will be found on page 4.

Solvents and Diluents

Aromatic Naphthas.—Business fairly active. Prices steady and unchanged.

Cleaners' Naphtha. — Movement of stocks to consumers satisfactory. Inquiry off slightly. Price firm.

Lacquer Diluent.—Less call from lacquer manufacturers. Shipments lighter. Price steady and unrevised.

Petroleum Thinners.—Paint makers less interested in offerings. Sales for small gallonages only. Prices firm.

Rubber Solvent.—Tire makers buying for immediate needs only. Shipments smaller. Price steady.

Stoddard Solvent. — Trade holding up well. Inquiry fair. No change in price.

V. M. & P. Naphtha.—Seasonal lull encountered. Buyers less interested in offerings. Price steady.

Markets at Other Centers

Chicago—July 18

Despite some price cutting the market for petroleum solvents and diluents is maintaining itself fairly well, on moderately good volume of business. Material for paint industry and related needs is reported moving in good quantity. Ruling prices in tankcar prices, f.o.b., Group 3, Oklahoma, are:—Blending naphtha, 4c. to 4½c. per gallon; cleaners' naphtha, 6½c. to 6¾c.; petroleum spirits, 5½c. to 5¾c.; rubber solvent, 6½c. to 6¾c.; lacquer diluent, 7c. to 7¼c.; Stoddard solvent, 6c. to 6¼c.; v.m. & p. naphtha, 6½c. to 6¾c.

New Orleans—July 18

The market for petroleum solvents and diluents was less active but prices were firmly maintained.

CLEANING SOLVENT.—Boiling range 225/350, gravity 53, 6¾c. delivered New Orleans in tankcars.

V.M.P. Naphtha.—Boiling range 175/425, gravity 48, 6½c. delivered New Orleans in tankcars.

Tulsa—July 18

SOLVENTS AND DILUENTS.—Business remains of routine character with quotations unchanged. Rubber solvent, V.M. & P., and cleaners' naphtha are 6⅞c. to 7c. per gallon, and Stoddard is 6⅜c. to 6½c. Lacquer diluent is 7⅛c. to 8c., while blending naphtha is 4c. per gallon.

Lighter Fractions

Butane.—Market moving in routine groove. Shipments normal for this time of year. Price firm.

Heptane.—No new features. Market routine. Price firm.

Hexane.—Buyers showing little interest. Price steady.

Octanes.—Satisfactory trade reported. Shipments at normal level. Price steady.

Propane.—Demand lighter. Price firm.

Petrolatums and Waxes

White Mineral Oils. — Reductions two weeks ago stimulated a bit of interest in offerings and shipments were somewhat heavier last week. All prices were firm at the new levels.

Petrolatums. — The market continued to be characterized by quiet. Prices were steady and unchanged.

Paraffin.—Car lots of the 124-126 crure scale material in barrels were offered at 2⅜c. to 2½c. per pound, a ⅜c. per pound reduction from the price of the preceding week. It was reported that these new prices could be shaded somewhat. The 122-124 white crude and the 124-126 yellow crude were offered at 2⅜c. per pound. Refined grades were firm.

Chicago—July 18

The refined petroleum wax market is quiet and rather easy. Buying is on a rather narrow basis and suppliers seem to be able to meet all needs amply. Inquiry is slow at present and the market is marking time. Ruling prices are:—122-124, 5.6c. to 5.65c. per pound; 125-127, 5.7c. to 5.75c.; 127-129, 5.85c. to 5.9c.; 130-132, 6.15c. to 6.2c.; 132-134, 6.4c. to 6.45c.

Tulsa—July 18

Softness in the crude paraffin market continues and quotations were lowered ¾c. per pound. The 124-26 American crude grade is 3½c. to 3¾c. per pound. The volume of business has declined and shipments are lighter than a few weeks ago.

Fuels and Lubricants

Gasoline. — The market for motor fuel remained quiet and somewhat easy during the past week. Quotations for all octanes were unchanged at New York harbor.

Kerosene.—The market was characterized by routine movement of stocks. Demand was only fair and inquiry tapered off. Prices were steady and unchanged.

Fuel and Gas Oils.—The price of bunker fuel oil was well maintained, despite rumors that the oil could be bought at a lower price than the one quoted by prominent suppliers. Light fuel oil was moving well and prices were firm. There was a fairly active inquiry for heating oil delivery in future months.

Lubricating Oils. — Pennsylvania bright stocks and neutrals were moving slowly. Prices were unchanged and were believed at rock-bottom.

Crude Oil Price Changes

The posted price was lowered 20c. to 22c. per barrel to a flat price of 75c. per barrel in the north Texa area. A similar reduction was made in Tussy Pool of Oklahoma where a flat price of 60c. per barrel was posted.

Tankwagon Price Changes

The Standard Oil Company of New Jersey reduced kerosene five points per gallon to 8½c. at Baltimore.

Markets at Other Centers

Chicago—July 18

Gasoline demand is breaking all records, based on exceptionally large consumption. Kerosene is in good call, and tractor fuels are moving well. Light heating oils are moving for current needs. Heavy fuels are strong and moving briskly on call from industrial consumers. Lubricating oils are easy.

GASOLINE.—High octane motor, 4¾c. to 4⅞c. per gallon; middle octane motor, 4⅝c. to 4½c.; low octane motor, 4c. to 4¼c.; 60-62, 400, 4c. to 4¼c.; 64-66, 375, 4¼c. to 4⅜c.; 68-70, 360, 4½c. to 4⅝c.

The State of the Petroleum Market

North Texas crude oil was lowered 20c. per barrel last week.

	July 19	July 12	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.1720	$1.1920	$1.147
Gasoline prices at refineries (at four refining centers) per gallon.....	.0520145	.0520145	.0492869

Petroleum Production—Motor Fuel Stocks

	1940 Jan. 1-July 20 (Barrels)	1939 Jan. 1-July 20 (Barrels)
Commercial crude oil production.....	746,918,000	700,091,187
	Week ended July 20, 1940	Week ended July 21, 1939
Daily average production.....	3,549,644	3,523,813
Bureau of Mines estimate.....	3,628,400	3,513,200
	Week ended July 13, 1940	Week ended July 6, 1940
Estimated motor fuel stocks.....	92,372,000	93,275,000
Estimated finished motor fuel stocks.....	85,281,000	86,470,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 75c. to 80c.; No. 6, 60c. to 70c.

New Orleans—July 18

The domestic market maintained a steady price trend, with the exception of Bunker C fuel oil delivered alongside, industrial plants, which showed a 10c. increase. U. S. motor gasoline was quoted at 5¼c.; 63-67 octane at 5½c. and 70-72 octane at 6c.—all prices on a per gallon rate at refinery. Kerosene was unchanged at 7½c. per gallon at refinery. Bunker C fuel oil was quoted at 80c. per barrel at terminal and 85c. per barrel delivered alongside. The price to industrial plants on this commodity advanced to $1.46 per barrel, delivered alongside.

Tulsa—July 18

Rapid strides in increasing consumption of gasoline failed to bring the optimistic reaction ordinarily expected from such a development. Volume of consumption appears to exceed the earlier forecasts. Prices were firm. All other products were moving normally. Lubricants are off ½c. per gallon.

GASOLINE.—U. S. Motor, 3¾c. to 4⅛c. per gallon; 63-66 octane, 4c. to 4½c. and 72-74, 4⅝c. to 4⅞c.

NATURAL GASOLINE.—Texas prices for 26-70, 1¼c. per gallon and 18-55, 1½c.; Oklahoma prices, 26-70, 1½c., and 18-55 grade 1¾c. to 1⅞c.

DISTILLATES.—No. 1 prime white, 3⅜c. to 3½c. per gallon and straw, 3¼c. No. 2 straw, 3¼c. to 3⅜c., and gas oils 2⅝c. to 3c.

KEROSENE.—The 41-43 grade, 3¾c. to 4c. per gallon and 42-44, 3⅞c. to 4⅛c.

FUEL OILS.—The quotations are unchanged with the lowest gravities at 50c. to 55c. per barrel and 18-22 grade at 72½c. to 85c.

LUBRICANTS.—Quotations have been lowered generally with bright stocks at 14c. to 19c. per gallon and neutrals at 8c. to 14½c. per gallon. Shipments are increasing somewhat and are close to the production level which has been lowered this month because of steady weakness in the market and building up of inventories.

Goodman Replaces Minor As Vice-President of Gulf

Shreveport, La., July 15, 1940

C. R. Minor, vice-president of Gulf Refining Company since 1918, has retired following thirty-six years of service with the company. He has been succeeded by J. T. Goodman, who was transferred to Shreveport early this year to act as Mr. Minor's assistant.

Fertilizer Materials

Ammonia Phosphate and Cyanamide Prices Reported for New Year—Several Organics, Especially Feed Materials, Advanced —Supplies of Sulphate of Ammonia and Potash Very Tight

Prices for new season delivery of ammonia phosphate and cyanamid were reported by a prominent producer last week. The quotation on the former material is higher than that in effect at the beginning of the 1939-40 fertilizer year but continued the price in effect toward the end of last season. The cyanamid price is increased sharply over that of July, 1939, and is also higher than the quotation reported when the 1939-40 price was advanced in April of this year.

Another highlight of the week was higher prices for various organics, including cottonseed meal, imported blood and feeding and fertilizer tankage. The sharp increase in feed prices was partly due, indirectly, to an increase in hog prices. As a result, hog raisers bought heavily of feed materials. Sulphate of ammonia continued tight and many buyers were unable to place orders. Potash producers were rushed to fill commitments and stocks were so scarce that many prospective buyers were unable to negotiate contracts for delivery within the discount period.

Nitrogenates

Ammonia Phosphate.—The 11 percent and 48 percent material in bulk was being offered at $1.55 per unit of nitrogen and 79c. per unit of phosphoric acid, f.o.b. E., works. This price is similar to the one quoted toward the end of the last fertilizer season but is higher than the $1.50 and 75c. quoted at the beginning of 1939-40.

Cyanamide.—Sales were being made last week on the basis of $1.40 per unit-ton for the 22 percent puverized material in bags, delivered. This figure is 6½c. per unit higher than that in effect toward the end of last season and 12½c. per unit higher than that in effect at the beginning of 1939-40.

Dried Blood.—Imported material advanced 5c. per unit to $2.40, c.i.f. ports. Domestic grades firm and unchanged.

Fish Scrap.—No further when-and-if-made sales reported. Price firm. Japanese sardine meal steady and unchanged.

Manganese Sulphate.—Demand was good and contracts for new season were being negotiated at good rate. Prices were firm.

Nitrate of Soda.—The market was fairly active and the price was steady and unchanged.

Sulphate of Ammonia.—The market continued to be very tight. Some suppliers were unable to accept further orders. Price was steady.

Tankage.—Both fertilizer and feeding grades were advanced 10c. per unit to levels of $2.35 and 10c. at New York. The high-grade feeding material was hiked 25c. per unit to $2.75 and 10c. at Chicago.

Potashes

Withdrawal of domestic stocks proceeded slowly last week. Contracting was satisfactory to producers. Spot sales were small. Prices were steady and unchanged for all grades.

Phosphates

Bone Materials.—Feed manufacturers continued to be active buyers in this market. No prices were advanced due to the good interest but quotations were considered firmer.

Phosphate Rock.—The market was more or less routine. Prices were steady.

Superphosphate.—Sales were fair. Prices steady.

Sulphur and Pyrites

Demand for crude sulphur was lighter than it had been in the previous week but it was reported satisfactory to prominent producers. Shipments were fairly regular, although they were in smaller volume than in corresponding week of June. Prices were firm and unchanged.

Price Changes

Advanced

Blood, dried, imp., 5c. per unit-ton, c.i.f. ports.
Cottonseed meal, $2.25 per ton, Southeastern mills.
Cyanamide, 22% N, bgs., dlvd., contracts, 6½c. per unit-ton.
Tankage, fertilizer, 10c. per unit, basis N. Y.
feed, high-grade, 25c. per unit, basis Chi.
unground, 10c. per unit, basis N.Y.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
67.0	67.0	67.0	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Markets at Other Centers

Atlanta—July 17

The fertilizer material market is quiet. Organic ammoniates, including cottonseed meal, have climbed to higher price brackets in recent days.

Quotations on leading materials in this market are as follows:—

SUPERPHOSPHATE.—52 cents per unit, Southeastern producing points.

NITRATE OF SODA.—$27 per ton, port basis.

SULPHATE OF AMMONIA.—$28 per ton, port basis.

COTTONSEED MEAL.—8 percent grade, $25.75 to $26.25 per ton, Southeast.

BLOOD.—$2.50 per unit, basis Chicago.

TANKAGE.—$2.75 and 10c. per unit, basis Chicago.

Baltimore—July 17

The market for crude fertilizer materials is quiet and routine with price movements mixed.

FISH SCRAP.—The market continued at $3.50 and 10 per unit-ton, f.o.b. factory.

SUPERPHOSPHATE.—This material held to previous levels, with ordinary 16 percent supplies at $8 per ton and guaranteed 16 percent product at $8.50, both in bulk, f.o.b. Baltimore plants.

TANKAGE.—South American supplies were stronger, with offers noted at $2.40 and 10c. per unit-ton, c.i.f.

POTASH.—Domestic producers report that they have taken all of the business possible of delivery under the present rate of production at the current figures.

Chicago—July 17

The fertilizer materials market is irregular, with some materials easier, others showing price improvement. Blood is quite steady, with inquiry better. Tankage is moving fairly well. Bone materials are stated to be in better position, with prices steadier.

BLOOD.—Principal grade, $2.50 per unit of ammonia.

TANKAGE.—High grade, feeding, $2.75 and 10c.; hoof-meal, $2.25 to $2.40; liquid stick, $1 to $1.25.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $28; 3 and 50 percent, $29 to $30; 4½ and 50 percent, $30 to $33; grinding hoofs, pigs' toes and waste horn materials, $33 to $35; cattle jaws, skulls and knuckles, $34 to $35; pork cracklings, soft pressed, $32.50 to $35; beef cracklings, soft pressed, $30 to $32.50; hard pressed cracklings, per unit of protein, 55c. to 60c.

San Francisco—July 17

Contracting ahead on chemical supplies is hesitant. Shortage of sulphate of ammonia is going to be further enhanced unless Canadian sources come in with new season offerings shortly. Canadian producers as yet have made no announcement as regards their new season policies. Organics are in good tone and the buying is better.

SULPHATE OF AMMONIA.—$38 per ton, in 100-pound bags, delivered inland points.

SUPERPHOSPHATE. — Domestic, 80c.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

★ Domestic MADE IN U.S.A.
THE BARRETT COMPANY
40 RECTOR ST., NEW YORK
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U.S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O
Also 50% K_2O
MANURE SALTS
Approximately 30% K_2O
UNITED STATES POTASH COMPANY
INCORPORATED
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

P. C. A. Red Muriate is ideal in plant operation--Uniform in color--Uniform in analysis--Uniform in grain size.
Muriate of Potash 50% and 60%--Manure Salts
PCA
RED MURIATE

POTASH COMPANY of America
GENERAL SALES OFFICE
MERCANTILE TRUST BUILDING BALTIMORE, MARYLAND
SOUTHERN SALES OFFICE: MORTGAGE GUARANTEE BUILDING, ATLANTA, GEORGIA

per unit in bulk, f.o.b., San Francisco. Bags, 91c. per unit.

NITRATE OF SODA.—100-pound bags, $29 per ton and 200-pound bags, $28.30, both ex vessel or warehouse.

FISH MEAL.—California sardine meal, $53 per ton, f.o.b. cars, San Francisco/Monterey.

TANKAGE.—Unground fertilizer, wet rendered, domestic, $2.60 and 10c. per unit-ton, f.o.b. plant, Northern California. Dry rendered, ground, 50%, $33 to $34 per ton, f.o.b. cars, South San Francisco. Argentine, 50%, $31 to $32 per ton, ex dock. Unground, domestic, dry rendered, 47½c. per unit of protein, f.o.b. cars, South San Francisco.

BLOOD MEAL.—$2.50 per unit, f.o.b. cars, San Francisco and $2.60, cars, Los Angeles.

Fertilizer Freights Are Suspended by I.C.C.

OPD Washington Bureau
July 15, 1940

The Interstate Commerce Commission suspended from July 14, 1940, until October 15, 1940, proposed commodity rates to Everett and Butler, Pa., respectively, on fertilizer and fertilizer materials from Baltimore, Md., of $3.00 and $4.00 per 2,000 pounds, and from Hagerstown, Md., of $2.00 and $3.60, and also on spray materials from Hagerstown, Md., of $2.00 and $4.00. Minimum shipment is 10,000 pounds.

Nitrogen Fixation Plant To Be Built in Canada

Construction of a plant somewhere in Ontario, Canada, for the manufacture of ammonia, ammonium nitrate, and other chemicals required for the production of explosives will be started immediately, it is reported by the Department of Munitions and Supplies of that country. The unit is part of a $11,000,000 program being financed by the British government.

Texas Gulf Earnings Up

The Texas Gulf Sulphur Company reported $2,455,966 net earnings for the second quarter of 1940 ended June 30 after charges for depreciation, amortization and contingencies aggregating $486,804. This is equivalent to 64c. per share on the 3,840,000 shares of capital stock outstanding, and compared with $1,830,361 in the similar 1939 period, equivalent to 48c. per share on the same number of outstanding shares.

Current assets at the end of the second quarter of this year, including cash of $11,631,271, amounted to $14,818,773. This does not include inventories of sulphur above ground or materials and supplies. Current liabilities, including provision for current taxes, amounted to $2,653,061. Reserve for contingencies amounted to $1,411,760.

Curacao Phosphate Mine Closed

The Mijnmaatschappij Curacao, an affiliate of John Godden & Co., Ltd., London, which has been engaged in the mining of phosphate rock at Newport, Curacao, since 1875, has ceased its activities for the duration of the war, according to the Department of Commerce.

Cleveland P.V.L.A. to Golf

The Cleveland Paint, Varnish and Lacquer Association will golf at the Acacia Country Club, Cleveland, August 2. Arrangements have been made for lunch to be served for those who care to have lunch at the club, and following golf, dinner for those caring to stay for dinner. Greens fees and dinner will each cost $1.50. P. B. Hamilton is chairman of the golf committee.

Penn Mex to Ask Mexico For Oil Claim Settlement

Stockholders of the Penn Mex Fuel Company, an affiliate of the Consolidated Oil Corporation, this city, last week voted to authorize officials of the company to institute direct negotiations with the Mexican government in an attempt to reach a settlement of the company's oil claims in that country. Prior to the Mexican expropriation of foreign-owned oil lands in 1938, the Penn Mex Company produced an average of 800 to 1,000 barrels of crude oil daily from its Mexican wells.

Vaca Oil Exporation Companies refinery, four mile east of Oxnard, Calif., was destroyed recently by fire at a loss estimated of $200,000.

Trade Ass'ns Must Know 'Trust' Laws

—Continued from page 5

laws will never be clarified before they are enforced and they will not become clarified until they are enforced. Not only judicial policy but prosecution policy must be developed by precedent and on publicly stated grounds if it is to clarify the law.

The Department of Justice prosecution policy, in a sense, includes a much larger area than judicial policy. It must consider economic factors which cannot be stated in the narrow issues of a case drafted according to the necessary requirements of legal strategy. Businessmen are entitled to know what kinds of situations will lead to prosecution, because prosecution itself is a most important business hazard regardless of whether or not the government succeeds in proving its case.

Function of Public Statements

The Department of Justice adopted the policy of making and publishing explanatory statements with regard to its antitrust work May 18, 1938. These statements are made in connection with each important step taken in the administration of the antitrust laws. They are intended to formulate cumulatively a consistent antitrust policy through the development of a body of explicit departmental precedents. A dual effect thus may be achieved by enabling successive adminstrations to adhere to a consistent though evolving policy and by furnishing a guide to businessmen in their efforts to conduct their businesses within the law.

Obligations of Administration

The fundamentals of antitrust administration and enforcement, of course, are to destroy factors which impede production, employment, or opportunity; to clarify the law; to make compliance with the law the norm of business conduct; and to present to Congress the facts upon which appropriate and specific legislative remedies may be based.

Another obligation of effective antitrust administration, in the opinion of the Department of Justice, is that of insuring methods of orderly marketing. To be satisfactory, the department feels that a method of giving approval to orderly marketing practices designed to lower prices must meet four requirements:—

First, it must be addressed to the problems of particular industries. A program which may be sound for one industry may be useless or positively harmful for another industry.

Second, any approval given must be for a limited period and must be subject to constant check to determine whether the objectives of lowering prices and increasing volume are being attained.

Third, there must be machinery to penalize abuse of the position created by such approval, and such machinery must be certain and expeditious in its effect.

Fourth, the approval must be in a form which will permit ready reference to the Congress, in order that policies which may be erroneous may be corrected, and that the laws may be amended where they are not adequate to meet the particular situation.

The Consent Decree

The Department of Justice feels that much may be accomplished through careful and resourceful use of the consent decree. It is of the opinion that the scope of such decrees in any case may go beyond the issues of the case.

To realize the full potentialities of the consent decree, the department must make concurrent use of criminal and civil procedures. The department believes that Congress, in providing both civil and criminal penalties concurrently, intended that they should be so used. In its opinion, there is no ethical principle which contradicts the plain provisions of the statutes or which forbids the department favorably from entertaining appropriate suggestions from parties concerned for a consent decree where a criminal prosecution may be pending. The concurrent use of criminal and civil procedures has the sanction of the Supreme Court of the United States.

It should be observed that a criminal prosecution can be used as an instrument of coercion. There is no absolute guarantee against such practices except the good faith of the prosecuting official. It is equally true, however, that charges of coercion are easier to make against those who prosecute violations of antitrust laws than in most types of prosecution.

The evidence taken in a grand jury investigation cannot be disclosed. When such evidence is disclosed in a trial, it is usually too complicated to be understood without laborious analysis. There is no protection, therefore, which the Department of Justice has against public charges of coercion. The press is free to criticize without fear of successful correction. For this reason the department has taken the position that it is important to announce the precise limitations which it imposes upon itself in using civil and criminal procedure concurrently.

When the Department of Justice makes use of criminal and civil procedures it adheres to the following safeguards:—

(1) The proposal for a consent decree must be voluntary, which means that the department will in no instance start negotiations or suggest compromises on the basis of which prosecution will be dropped.

(2) It will not compromise criminal cases on the mere promise to reform, and will accept only proposals which restore competitive conditions in a way which could not be accomplished by prosecution.

(3) It will submit all such proposals to an impartial judicial tribunal and thus be guided by the judgment of the court before it takes final action.

(4) It will issue a public statement giving the reasons for its action.

The Department of Justice has made it clear that it has adopted the rule that the test of whether or not a consent decree should be accepted must be whether it will benefit the public, not whether it will give relief to the department. Only where it appears that the consent decree will yield more constructive results for the consuming public, for employees, and for competitors, than would be eventual criminal punishment of the offenders, will proposals for such a decree be entertained.

The Department of Justice will not negotiate for such a decree on the basis on which private litigation is often compromised, that is to say, it will not compromise a case to relieve itself of the burden of a long-drawn-out prosecution or the risk of losing a case.

The belief of the department has been stated to be that the consent decree can be of assistance in realizing the balanced objective of checking monopolistic control and industrial empire building, and in eliminating economic toll bridges, while encouraging legitimate and efficient mass production and facilitating the maintenance of orderly markets.

Criminal and Civil Procedures

The antitrust laws provide both criminal and civil remedies. Section 1 of the Sherman act makes every contract, combination, or conspiracy in restraint of trade illegal and provides that every violator shall be deemed guilty of a misdemeanor, subject to fine or imprisonment. Sec. 2 provides that every person who shall monopolize, or attempt to monopolize, or combine, or conspire with other persons to monopolize any part of trade or commerce among the several States shall be guilty of a misdemeanor, likewise punishable by fine or imprisonment. In addition to these criminal provisions, the district courts are given jurisdiction to entertain equity suits to prevent or restrain violations of law through the issuance of injunctions.

The criminal remedy is essentially coercive and penalizes defendants for past illegal conduct. It operates as a deterrent against repetitions of the conduct declared to have been illegal.

The civil remedy, however, is constructive and looks to possible rearrangements in the conduct of business to bring it in line with the law. An injunction not only may forbid in express terms those acts which violate the law, but it may also forbid any acts which, taken by themselves, do not violate the law. An injunction may forbid many separate acts which may be lawful in themselves but which operate in practical effect, when taken together with other acts, to defeat the broad purposes of the antitrust laws.

The Department of Justice feels that an injunction may contain positive mandatory provisions requiring definite and specific rearrangements and realignments in an industry, the adoption of new technics for carrying on business, and the doing of many affirmative acts which in and of themselves the law does not require. In other words, an injunction may contain in all its detail a practical plan for the accomplishment of the purposes of the antitrust laws, and in so doing may contain many provisions which isolated and by themselves seem to go beyond the actual requirements of the law.

The Department of Justice has stated that an injunction merely stated in general terms would be worthless as a practical matter. The law itself, in general terms, forbids monopoly and restraints of trade, and an injunction merely reasserting the provisions of the law add nothing to the law itself. The department has defined an injunction as an endeavor to provide a workable and practical plan for effectuating the purpose of the antitrust laws and that such a method necessarily provides details not expressly required by the laws themselves.

Injunctons may result from a contested proceeding or from a proceeding conducted by consent. In the latter case, the injunction is called a consent decree. In the consent decree there is even greater latitude for the accomplishment of results outside of the technical requirements of the law than through an injunction resulting from a contested proceeding. The Department of Justice, therefore, feels that a consent decree may contain various socially desirable provisions for reforming the conduct of an industry even though the government could not force the defendants to accept such provisions.

Concurrent Criminal And Civil Suits

The policy of the Department of Justice has been clearly stated publicly to be the following with regard to the prosecution of concurrent actions:—

(1) The department will not compromise a criminal case upon an agreement by the defendants to reform and refrain in the future from the violations with which they are charged. It cannot accept the responsibility of condoning violations of the antitrust laws because of a promise not to repeat the practices questioned.

(2) The commencement of a grand jury proceeding or a criminal prosecution does not do away with the presumption of innocence which surrounds any defendant. It means only that the department is in possession of evidence of violation of law which it deems so compelling that it cannot accept the responsibility of ignoring it and must present it, therefore, to an impartial judicial tribunal. While the department must exercise a preliminary judgment as to the weight of the evidence, the ultimate responsibility as to the weighing of that evidence is necessarily on the grand jury and petit jury and the court.

(3) In using civil and criminal proceedings concurrently (a practice which has been approved by the Supreme Court of the United States, in the case of Standard Sanitary Manufacturing Company versus United States, 226 U.S. 20), it is not the purpose of the department to coerce or compel the prospective defendants to consent to a civil settlement on threat of criminal prosecution. The sole purpose of the criminal proceeding is to present to an impartial tribunal evidence which leads the department to believe that the antitrust laws have been violated. At the same time it has never been the policy of the department to bar its doors at any stage of the proceeding against businessmen who may desire to propose a practical solution which is of major and immediate benefit to the industry concerned, to competitors, and to the public, and which goes beyond any results that may be expected in a criminal proceeding.

(4) Such proceedings must be voluntary. While the department does not invite the submission of such proposals, it is its policy in all cases to examine and consider any which may be made. They must offer, in addition to a prohibition of the violations of the antitrust laws with which the

prospective defendants are charged, substantial public benefits connected with the policy of maintaining free competition in an orderly market which could not be obtained by the criminal prosecution.

(5) If proposals of this character are submitted to the department, it conceives that its duty is to present them to the court before whom the proceeding is pending in order that the court may determine whether or not a nolle prosse is justified in the public interest.

The department is of the opinion that in the negotiations for consent decrees, there is much greater latitude for suggestion and compromise by the government where a civil suit only has been instituted than where a criminal suit also is pending.

Where a civil suit only is pending, the government may exercise sound discretion in making concessions in return for that which it deems to be substantial public benefits. In such circumstances, if the government believes that it is in the public interest to accept a decree which the defendants have tendered and the decree grants substantial relief, although perhaps not all of the relief sought by the government in its equity suit, the department believes it is quite within the bounds of propriety for the government to accept such a decree.

The government may feel that its case is vulnerable in certain respects and that the decree which the defendants have submitted gives substantially all the relief that can be expected. The government may feel, therefore, that acceptance of a proposed decree is warranted even though there is a theoretical chance that more relief could be secured by going through a trial.

Where a civil suit only is pending, negotiations may be freely conducted at any stage of the litigation, and there is no apparent reason why the government cannot suggest provisions which might be appropriate for inclusion by the defendants in any decree they may submit.

Where a criminal proceeding is pending, however, the government's right to urge the inclusion of any particular provisions in a decree offered for settlement of a concurrent civil suit is definitely limited. The criminal suit cannot be used to coerce any kind of consent decree. The government cannot make compromises or engage in bargaining when a criminal case is pending concurrently in order to induce the inclusion of certain decree provisions in return for the concession of others.

If parties who have been indicted are willing, however, to offer constructive proposals, which are in the public interest and which go beyond anything that might be achieved through successful criminal prosecution, the department can always receive and consider such proposals, and if it deems them in the public interest, can submit them to the court for consideration as a basis for settlement of the controversy.

If decrees, which have been thus voluntarily proposed by the defendants, are accepted by the Department of Justice, they may be submitted to the court with the recommendation that the indictment be nolle prossed. The vital question in such a situation is whether or not the proposed decree goes so far in promoting the public interest that the department is warranted in recommending dismissal of the criminal proceedings.

The department can indicate the general policies which guide it in the acceptance of consent decrees, but the defendants in criminal proceedings must present the plan that is to form the basis for any settlement. The department may reject proffered decrees because it does not believe that they eliminate objectionable practices or because it does not deem them to be in the public interest. The defendants may then submit new proposals. At no time, however, when a criminal proceeding is pending, will the department urge any particular provisions for a consent decree. All proposed provisions for consideration must be presented by the defendants.

In every instance, when criminal proceedings are pending, the Department of Justice will always reject consent decrees which merely eliminate unlawful conduct. It is not enough when parties have been indicted that they shall promise not to break the law again. Officers charged with the enforcement of criminal laws cannot dismiss proceedings upon the simple agreement of the parties that they will observe the rules outlined by the antitrust statutes. The only consent decrees which the department will be willing to consider ,during the pendency of a criminal case, will be those containing provisions for affirmative public benefits which could not be secured by the successful completion of the criminal proceedings alone.

(To be continued)

Shell Oil to Move Main Office to N.Y.

The administrative offices of the Shell Oil Company, Inc., will be moved to New York in the early Fall and the direction of and marketing activities East of the Rocky Mountains will be located in this city.

Alexander Fraser, president, and F. A. C. Guepin, senior vice-president, will move from St. Louis to New York to head the administration. L. T. Kittinger, the Eastern marketing vice-president, will hold the same office for the combined territories. R. H. Erichsen, at present salesmanager in St. Louis, has been appointed new general salesmanager at New York and T. R. Kurtz, Eastern operations manager, will become the new operations manager here. P. E. Larkin, vice-president, will move from St. Louis to Chicago and become resident vice-president. A sizeable staff and headquarters will be maintained in St. Louis under P. C. Thomas.

In New York, the refined-products transportation system and the coordination of supplies will be under the directions of N. J. McGaw, vice-president; and deep-water transportation will continue under direction of vice-president R. R. Griffin. Treasury functions will be centered in New York under J. W. Watson, treasurer, and C. E. Peet, transferred from San Francisco, will be assistant treasurer. W. A. Baker, comptroller in St. Louis, will become assistant treasurer in Houston.

Exploration and production activities will be moved to Houston under A. J. Galloway, vice-president. Personnel function will be handled in New York by H. H. Anderson, vice-president. C. S. Gentry will leave St. Louis for New York to head the legal department and purchasing activities will be supervised here by C. B. Singleton.

Soybean Oil Trading Revised

Revision of the official rule of the National Soybean Processors Association on Soybean Oil with respect to residue in oil tank cars has been announced by the association. The section of the rule as amended now reads as follows:—

Sludge shall be considered the solid residue which cannot be pumped and squeegeed from the car when corrected for out-turn weights. A tolerance of 150 pounds will be allowed. If the car contains more than 150 pounds, an allowance at contract price for the amount of sludge over 150 pounds will be made. When sludge in excess of the tolerance is found buyer shall wire seller for instructions with respect to the inspecting and cleaning of car, allowance for cleaning not to exceed $5.

Crude Oil Daily Output Down

The daily average gross crude oil production in the United States during the week ended July 13 was 3,560,750 barrels, a decrease of 41,650 from the 3,602,400 reported in the previous week, according to the American Petroleum Institute. Declines of 18,100 and of 17,800 barrels respectively, in the daily average outputs of Oklahoma and Illinois were the important changes. Stocks of finished and unfinished gasoline in the United States at the close of the week were 92,372,000 barrels, a decline of 903,000 from the 93,275,000 a week earlier. A year ago these stocks amounted to 79,263,000 barrels. Finished gasoline stocks were down 1,189,000 barrels to 85,281,000 and compared with 73,317,000 on July 13,1939.

General Petroleum Corporation is building an acid plant, at 2525 East Thirty-seventh street, Los Angeles, Calif., at a cost of $3,800.

George H. Mettam has been appointed assistant general manager of all operations for the Standard Oil Company of New Jersey.

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Three-hundred-thirty-sixth Instalment

Paper

Plasticizers for Cellulosic Coatings for Paper or Pulp Articles

(Continued from July 15 issue)

Aliphatic polycarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-Ethyl butylacetate
(5) 2-Ethylbutanol-1
Alkoxyphenyl compounds
Alkylnaphthylamines
Alkylsulphonamides
Alphanaphthalenesulphonamide
Amidobenzenesulphoazodiphenylamine
Amidosulphobenzoic acid
Amyl acetylsalicylate
Amyl adipinate
Amyl benzoate
Amyl carbamate
Amyl carbanilate
Amyl carbonate
Amyl dicresylphosphate
Amyl dinaphthylphosphate
Amyl diphenylphosphate
Amyl lactate
Amyl oxanilate
Amyl phthalate
Amyl tartrate
Anilin
Anilin trichloride
Anisol
Anisolesulphonamide
Antipyrin salicylate
Aquadag
Aromatic dicarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphalate
(3) Di-2-ethyl butylsuccinate
(4) 2-Ethyl butylacetate
(5) 2-Ethylbutanol-1
Aromatic monocarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-Ethyl butylacetate
(5) 2-Ethylbutanol-1
Aromatic polycarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-Ethyl butylacetate
(5) 2-Ethylbutanol-1
Azobenzene
Barkite
Barkite B
Benzanilide
Benzene bensylnitrochloride
Benzene bromide
Benzene chloride
Benzene methylethylsulphonamide
Benzene monomethylsulphonamide
Benzene nitrobromide
Benzene nitrochloride
Benzene sulphamide
Benzene sulphoacidphenylether
Benzene sulphodiethylamide
Benzene sulphodimethylamide
Benzene sulphoethylamide
Benzene sulphoethylanilide
Benzene sulpho-orthotoluide
Benzene sulphoparatoluide
Benzene sulphamine
Benzene sulphoalphanaphthalamine
Benzene sulphobetanaphthylamine
Benzene sulphodiphenylamine
Benzene sulpho-orthophenetidin
Benzene sulphoparaphenetidin
Benzicin
Benzoic acid bensylester
Benzol sulphoamide
Benzol trichloroanilide, asymmetrical
Benzosol
Benzotrichloride
Benzoylbenzenesulphamide
2-Benzoylbenzoic acid esters
Benzoylguaiacol
Benzoyltoluenesulphamide
Benzyl acetate
Benzyl acetylsalicylate
Benzyl adipinate
Benzyl alcohol
Benzyl benzocate
Benzyl butylethylphthalate
Benzyl butyltartrate
Benzyl compounds
Benzyl cyclohexylphthalate
Benzyl isoamylphthalate
Benzyl laevulinate
Benzyl pentachloranilide
Benzyl propionate
Benzyl normal propylphthalate
Benzyl tetrachloroanilide
Benzyl trichloroanilide
Benzyldihydrocarvone
Benzylethyl ethylphthalate
Benzylglucose
Benzylhydrocarvone
Benzylidene diacetate
Benzylideneglycerol
Benzylsucrose
Betabutoxyethyl benzylbenzoate
Betabutoxyethylfluorene 9-carboxylate
Betachloroethyl naphthenate
Betaethoxyethyl 2-paratoluoylbenzoate
Betagammadibromopropyl ester of cocoanut oil acids
Betagammadistearoxypropyl chloride
Betaine chlorate
Betaine chromate
Betaine nitrate
Betaine permanganate
Betamethyl adipate
Betanaphthalenesulphonamide
Betaphenylethyl diethylcitrate
Betaphenylethyl ethylphthalate
Biguanidin nitrate
Bis-(betamethoxyethyl)methylene ether
Borneol
Borneol butyrate
Borneol ethoxyacetate
Borneol ethoxychloroacetate
Borneol methoxyacetate
Borneol methoxychloroacetate
Borneol phthalate
Borneoldibromodihydrocinnamic acid
Bornyl acetate
Bromocyclohexane-1:4-dicarboxylic acid
Bromoethyl cinnamate
Butyl acetate
Butyl acetylricinoleate
Butyl adipinate
Butyl benzoate
Butyl carbamate
Butyl carbanilate
Butyl citrate
Butyl di-isoamylphosphate
Butyl glycollate
Butyl laevulinate
Butyl octylacetate
Butyl oleate
Butyl palmitate
Butyl phosphate
Butyl proprionateacetate
Butyl resinate
Butyl stearate
Butyl tartrate
Butyleneglycol diacetate
2-Butyloctanol carboxyl esters
2-Butyloctanol esters
Butylpentaerythritol
Butylphthalyl butylglycollate
Butyrylphenetidin
Camphor
Camphorcarbitol phthalate
Camphorsal
Carbon dioxide phenolic esters
Carboxylic acid derivatives of secondary aliphatic aromatic amines
Carboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2-ethvl butylsuccinate
(4) 2-Ethyl butylacetate
(5) 2-Ethylbutanol-1
Casterol
Castor oil
Castor oil, acetylated processed
Celludol
Centralite 1, 11
Cetyl adipate
Cetyl hexahydrophenylenediacetate
Cetyl hydrophthalate
Cetyl phthalate
Cetyl salicylate
Cetyl sebacate
Cetyl succinate
Chinawood oil
Chloral
Chlorhydrins
Chlorinated diphenyl
Chloroacetanilide
Chloroethyl cinnamate
Chloronaphthalene
Chloronaphthayl acetate
4-Chlorophthalic acid
Chloroxypropyl cinnamate
Cinnamene
Cinnamyl compounds
Citric acid phenolic ester
Coconut oil
Cresyl carbonate
Cresyl dimethylphosphate
Cresyl paratoluenesulphonate
Cresyl phosphate
Cresyl thiophosphate
Cresylanilides
Cresylanilide phosphate
Cresylparatoluenesulphoethylanilide
Cresylphenyl ether
Cresyl-phosphoric dianilide
Cresyl phosphoric ester
Cyclic ethers
Cyclohexanol
Cyclohexanol acetate
Cyclohexanol formate
Cyclohexanol phthalate
Cyclohexyl adipinate
Cyclohexyl benzylbenzoate

(To be continued)

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, HYDROFLUORIC—20 dms, Chemical Marketing Co, Inc, Rio Janeiro
ALBUMEN EGG, DUCK—56 cs, Paul A Dunkel & Co, Kobe
28 cs, Braun Import Co, Kobe
5 cs, Globe Shipping Co, Kobe
HEN—20 cs, Kobe
112 cs, Kobe
ALOE—20 cs, American Export Co, Port Said
30 cs, Selma Mercantile Corp, Curacao
ANNATTO SEED—55 bgs, W R Grace & Co, Guayaquil
120 bgs, Pablo, Calvet & Co, Kingston
ANTIMONY ORE—83 bgs, Metal Traders, Callao
250 bgs, Vera Cruz
ASBESTOS—18,000 bgs, F S Smith & Co, Limassol
2,000 bgs, F S Smith & Co, Limassol
BALSAM—.0 bgs, Geo Lueders & Co, Balboa
BARBIMAO BARK—136 bgs, W R Grace & Co, Santos
BEEF LIVER EXTRACT—11 kegs, Milton Snedeker & Co, Havana
BISMUTH, LEAD ALLOY—51 bxs, Cerro de Pasco Copper Corp, Callao
BLOOD, DRIED—726 bgs, Buenos Aires
BONES—1,016 bgs, Santos
4,064 bgs, Santos
BRISTLES—20 cs, R Schwarz, Tientsin
50 cs, H Rosenhirsch & Co, Tientsin
25 cs, H Rosenhirsch & Co, Tientsin
111 cs, Tientsin
35 cs, F W Von Stade, Tientsin
110 cs, F W Von Stade, Tientsin
40 cs, F H Cone & Co, Tientsin
55 cs, F H Cone & Co, Tientsin
CALCIUM, HYPOCHLORITE—400 dms, Kobe
TARTRATE—200 bgs, A Mevi, Piraeus
200 bgs, A Mevi, Piraeus
200 bgs, A Mevi, Piraeus
916 bgs, Charles Pfizer & Co, Alicante
CANARY SEED—20 bgs, American Caribbean Line, Casablanca
200 bgs, A G Dunn, Casablanca
200 bgs, J S Tolidano & J M Pinto, Casablanca
CAROB BEAN FLOUR—100 bgs, T M Duche & Sons, Piraeus
80 bgs, T M Duche & Sons, Piraeus
20 bgs, T M Duche & Sons, Piraeus
CASSIA—460 bls, Sino Java Hvg, Padang
247 bls, Catz American Co, Padang
270 bls, Padang
246 lbs, Sino Java Hvg, Padang
361 bls, A G Dunn, Padang
179 bls, Padang
120 bls, Padang
526 bls, Belawan Deli
124 bls, A G Dunn, Tandjong Priok
85 bls, Tandjong Priok
338 bls, Catz American Co, Tandjong Priok
265 bls, Tandjong Priok
504 bls, W T Rawleigh Co, Hongkong
200 bls, B Fischer & Co, Hongkong
84 bls, McLaughlin, Gormley & King, Hongkong
12 bls, A G Dunn, Hongkong
CASTOR BEANS—1,300 bgs, Baker Castor Oil Co, Rio Janeiro
1,760 bgs, Baker Castor Oil Co, Rio Janeiro
3,460 bgs, W R Grace & Co, Santos
CHAMOMILE FLOWERS—68 bgs, E Meer & Co, Barcelona
CHROME ORE—4,700 tons, Government of United States America, Morsin
CINCHONA BARK—100 bls, New York Quinine & Chem Works, Tandjong Prior
CLOVES—49 bls, Catz American Co, Padang
115 bls, Catz American Co, Amboina
82 bls, Tandjong Priok
COCOA BEANS—1,400 bgs, W R Grace & Co, Guayaquil
250 bgs, Wood & Selick, Guayaquil
250 bgs, Guayaquil
200 bgs, General Cocoa Co, Guayaquil
500 bgs, Scholtz & Co, La Guaira
800 bgs, La Guaira
600 bgs, General Cocoa Co, Puerto Cabello
240 bgs, W R Grace & Co, Puerto Cabello
500 bgs, Meyer & Co, Puerto Cabello
2,400 bgs, Curacao Trading Co, Puerto Plata
1,000 bgs, Gillespie & Co, Puerto Plata
500 bgs, Wessel, Kulenkampf & Co, Puerto Plata
500 bgs, Carr Bros, Puerto Plata
1,000 bgs, Curacao Trading Co, Puerto Plata
1,400 bgs, Curacao Trading Co, Trujillo
1,750 bgs, Wessel, Kulenkampf & Co, Trujillo
527 bgs, Curacao Trading Co, Trujillo
200 bgs, Curacao Trading Co, Trujillo
100 bgs, Pablo Calvet & Co, Cristobal
1,000 bgs, Curacao Trading Co, Trujillo
2,000 bgs, General Cocoa Co, Trujillo
500 bgs, Wessel, Kulenkampf & Co, Trujillo
12 bgs, Trujillo
1,000 bgs, Wessel, Kulenkampf & Co, Sanchez
4,872 bgs, Gillespie & Co, Sanchez
500 bgs, Curacao Trading Co, Puerto Plata
300 bgs, Gillespie & Co, Puerto Plata
COCONUT DESIC—1,609 bgs, Philippine Dessicated Coconut Corp, Manila
922 cs, Durkee Famous Food, Manila
773 bgs, Philippine Dessicated Coconut Corp, Manila
704 cs, Durkee Famous Food, Manila
1,940 cs, Philippine Dessicated Coconut Corp, Manila
704 bgs, Durkee Famous Food, Manila
1,170 bgs, Durkee Famous Food, Manila
503 cs, Balfour, Guthrie & Co, Manila
250 cs, Balfour, Guthrie & Co, Manila
COCONUTS—1,100 bgs, I L Toledano Corp, Cristobal
70 bgs, Kingston
227 bgs, General Food Corp, Kingston
COPAIBA BALSAM—8 dms, W R Grace & Co, Cristobal
CORIANDER SEED—200 bgs, A G Dunn, Casablanca
50 bgs, American Carribbean Line, Casablanca
375 bgs, McCormick & Co, Casablanca
640 bgs, A G Dunn, Casablanca
330 bgs, B H Old & Co, Casablanca
200 bgs, R H Elmaleh, Casablanca
375 bgs, McCormick & Co, Casablanca
710 bgs, A G Dunn, Casablanca
375 bgs, B H Old & Co, Casablanca
CORIANDER SEED—500 bgs, J S Toledano & J M Pinto, Casablanca
100 bgs, P H Petry & Co, Casablanca
500 bgs, J S Toledano & J M Pinto, Casablanca
250 bgs, J S Toledano & J M Pinto, Casablanca
200 bgs, A G Dunn, Casablanca
CORK—4 bls, F Berber, Barcelona
2 cs, Barcelona
26 bgs, Lisbon
8 bls, Hinrichs & Pearsall, Lisbon
67 bls, Ontario Cork Co, Lisbon
16 bgs, Grace Natl Bank, Lisbon
8 bgs, New York & Cuba Mail S S Co, Lisbon
71 bgs, United Fruit Co, Lisbon
VIRGIN—61 bls, A Hurst & Co, Casablanca
WOOD—253 bls, Chase Natl Bank, Lisbon
347 bls, Chase Natl Bank, Lisbon
COTTON LINTERS—14 bgs, Kanders, Steuber & Co, Santos
COTTONSEED MEAL—2,240 bgs, Santos
1,120 bgs, Santos
2,000 bgs, Swift & Co, Santos
2,208 bgs, Santos
2,000 bgs, Swift & Co, Santos
4,000 bgs, Santos
CUMIN SEED—50 bgs, New York & Cuba Mail S S Co, Casablanca
200 bgs, E E Marks & Co, Casablanca
102 bgs, Kemp, Day & Co, Casablanca
112 bgs, J S Toledano & J M Pinto, Casablanca
50 bgs, Mecke & Co, Casablanca
87 bgs, R H Elmaleh, Casablanca
23 bgs, J S Toledano & J M Pinto, Casablanca
128 bgs, J S Toledano & J M Pinto, Casablanca
125 bgs, Kemp, Day & Co, Casablanca
150 bgs, L Watjen, Casablanca
420 bgs, F S Ehrlich & Co, Limassol
200 bgs, F S Ehrlich & Co, Limassol
100 bgs, Gale T German, Limassol
DERRIS ROOT—7 cs, Joosten & Janssen, Sourabaya
44 cs, Joosten & Janssen, Sourabaya
120 bls, Balfour, Guthrie & Co, Batavia
172 cs, Jacobus F Frank, Batavia
97 cs, Batavia
68 cs, Joosten & Janssen, Sourabaya
69 bls, S B Penick & Co, bombay
DRUGS—12 cs, New York & Cuba Mail S S Co, Vera Cruz
EGG YOLK, HEN—112 cs, Wilson & Co, Kobe
112 cs, F W Stock & Son, Kobe
112 cs, Stein, Hall & Co, Kobe
112 cs, J Lowe & Co, Kobe
56 cs, T M Duche & Sons, Kobe
112 cs, Stein, Hall & Co, Kobe
112 cs, J Lowe & Co, Kobe
112 cs, Gosho Sales Corp, Kobe
112 cs, Stein, Hall & Co, Kobe
112 cs, Manufacturers Trust Co, Kobe
560 cs, J Lowe & Co, Kobe
112 cs, Henningsen Bros, Kobe
112 cs, D L Moss & Co, Kobe
224 cs, F W Stock & Son, Kobe
112 cs, J Lowe & Co, Kobe
ERGOT—40 cs, Manufacturers Trust Co, Lisbon
FENUGREEK SEED—170 bgs, P H Petry & Co, Casablanca
300 bgs, R H Elmaleh, Casablanca
100 bgs, Van Norden & Archibald, Casablanca
200 bgs, R H Elmaleh, Casablanca
50 bgs, P H Petry & Co, Casablanca
250 bgs, J S Toledano & J M Pinto, Casablanca
FLIES, DRIED—30 bgs, F N Pabst, Vera Cruz
GAMBIER—340 cs, American Dyewood Co, Asahan
137 bgs, E E Androvette, Strait Settlements
54 cs, E E Androvette, Strait Settlements
GINGER ROOT—50 bgs, C T Wilson & Co, Kingston
GRAPHITE, AMORPHOUS—1,400 bgs, Mitsui & Co, Kobe
GUM—20 cs, American Export Line, Port Said
ARABIC—279 bgs, American Export Co, Port Said
150 bgs, Frank Vliet Co, Port Said
50 bgs, Cunard White Star, Ltd, Port Said
250 bgs, T M Duche & Sons, Port Said
100 bgs, Laxseed Co, Port Said
50 bgs, A D Isbetcherian, Port Said
500 bgs, H Heide & Co, Port Said
150 bgs, R J Prentiss & Co, Port Said
150 bgs, S B Penick & Co, Port Said
500 bgs, Innis, Speiden & Co, Port Said
250 bgs, American Cyanamid & Chem Co, Port Said
150 bgs, Frank Vliet Co, Port Said
500 bgs, T M Duche & Sons, Port Said
55 bgs, A D Isbetcherian, Port Said
250 bgs, R J Prentiss & Co, Port Said
150 bgs, Frank Vliet Co, Port Said
BENZOIN—50 cs, Max Van Pelo, Sibolga
COPAL—4 bskts, Amboina
140 bgs, Macassar
70 bgs, O G Innes Corp, Macassar
273 bgs, Macassar
146 bskts, O G Innes Corp, Macassar
39 bskts, Bank of Manhattan, Macassar
81 bskts, O G Innes Corp, Macassar
72 bskts, Macassar
112 bskts, Bank of Manhattan, Macassar
155 bskts, O G Innes Corp, Macassar
256 bskts, Macassar
112 bskts, Macassar
231 bskts, Chase National Bank, Sourabaya
107 bskts, O G Innes Corp, Amboina
DAMMAR—100 cs, Batavia
200 cs, Rutger Bleecker & Co, Belawan Deli
30 cs, Sino Java Hvg, Padang
200 cs, Sino Java Hvg, Padang
100 cs, Sino Java Hvg, Padang
100 bgs, Manufacturers Trust Co, Batavia
100 cs, Chase National Bank, Batavia
72 cs, O G Innes Corp, Batavia
210 bgs, Thurston & Braidich, Singapore
840 bgs, O G Innes Corp, Singapore
722 bgs, S Winterbourne & Co, Singapore
GUAIAC—8 pkgs, Schutte & Focke, Trujillo
11 bgs, Schutte & Focke, Trujillo
LOCUST BEAN—150 bgs, Stein, Hall & Co, Limassol
50 bgs, Stein, Hall & Co, Limassol
MASTIC—16 cs, American Cyanamid & Chem Co, Piraeus
GUM, PERILLA—39 bls, Chicle Development Co, Barranquilla
SANDARAC—15 bbls, S Winterbourne & Co, Casablanca
8 bbls, France, Campbell & Darling, Casablanca
23 bbls, American Cyanamid & Chem Co, Casablanca
27 bbls, Abecassus & Abelson, Casablanca
34 bbls, R H Elmaleh, Casablanca
36 bbls, R H Elmaleh, Casablanca
20 bbls, R H Elmaleh, Casablanca
IPECAC ROOT—7 bgs, Wessel, Duval & Co, Cristobal
IRON OXIDE—80 bbls, Reichard Coulston, Malaga
225 bbls, Whittaker, Clark & Daniels, Malaga
75 bbls, E E Marks & Co, Malaga
5 bbls, C K Williams & Co, Malaga
228 bbls, C J Osborn & Co, Malaga
364 bbls, Reichard Coulston, Malaga
189 bbls, Bank of Manhattan, Malaga
25 bbls, Irving Trust Co, Malaga
157 bbls, Panama Pacific Line, Malaga
JALAP ROOT—23 bgs, Vera Cruz
JUNIPER BERRIES—65 bgs, S B Penick & Co, Kobe
KETTLE DROSS—482 bgs, Cerro de Pasco Copper Corp, Callao
KOLA NUTS—22 bgs, Kingston
10 bgs, Barclay Bank, Kingston
LAUREL LEAVES—382 bls, Piraeus
117 bls, E E Marks & Co, Piraeus
195 bls, B H Old & Co, Piraeus
LEAVES, MED—56 bgs, S B Penick & Co, Barcelona
MACE—32 cs, H P Winter & Co, Batavia
17 cs, Knickerbocker Mills Co, Batavia
36 cs, Banda
22 cs, Knickerbocker Mills Co, Macassar
29 cs, Macassar
15 cs, Catz American Co, Macassar
16 cs, International Credit Handel, Sourabaya
MANGANESE ORE—2,500 tons, Base Metal Corp, Iloilo
MANGROVE BARK EXTRACT—3,500 bgs, Saxe Cutch Corp, Bombay
2,500 bgs, Saxe Cutch Corp, Bombay
3,500 bgs, Saxe Cutch Corp, Bombay
MANIOC MEAL—10 bgs, Sourabaya
MEDICINAL PREPS—4 cs, Seville
61 cs, Wedemann, Godknecht Co, Piraeus
5 cs, Goudrand Shipping Co, Barcelona
2 cs, Sterling Product Co, Cristobal
METAL, CONC—4 bgs, Bank of South America, Cristobal
MICA—47 bxs, Victoria
26 bxs, Victoria
MINERAL, CONCENTRATES—373 bgs, W R Grace & Co, Cartagena
MINT, DRIED—4 cs, Corn Exchange Bank Trust Co, Beirut
MUSTARD SEED—50 bgs, National City Bank, Constanza
NUTGALLS—24 bgs, A D Isbetcherian, Istanbul
NUTMEGS—69 bgs, Banda
63 cs, Catz American Co, Macassar
94 cs, Macassar
47 cs, Catz American Co, Macassar
53 bgs, Belawan Deli
100 bgs, New York Trust Co, Tandjong Priok
105 bgs, Tandjong Priok
OIL, ACORN—1 cs, J Victori & Co, Havana
ANISE—10 dms, Orbis Product Corp, Hongkong
CAMPHOR—5 dms, Dodge & Olcott Co, Kobe
5 dms, New York Trust Co, Kobe
CANANGA—2 dms, Batavia
CHINAWOOD—125 tons, W R Grace & Co, Hongkong
1,008 short tons, Universal Trading Co, Hongkong
125 tons, W R Grace & Co, Hongkong
CITRONELLA—32 cs, Batavia
7 dms, Irving Trust Co, Tandjong Priok
10 dms, Danco Brokerage Corp, Tandjong Priok
96 cs, Batavia
224 cs, Batavia
12 dms, H P Winter & Co, Batavia
224 cs, Batavia
12 dms, Batavia
COCONUT—1,942,086 lbs, Mac Lead & Co, Manila
3,752 dms, Mac Lead & Co, Manila
500 tins, Philippine Refining Corp, Manila
ESSENTIAL—1 dm, Guaranty Trust Co, Casablanca
FUEL—10,000 bbls, Asiatic Petroleum Corp, Curacao
JASMIN—4 dms, Fritzsche Bros, Seville
3 dms, Dodge & Olcott Co, Seville
9 dms, Ungerer & Co, Seville
5 dms, Geo Lueders & Co, Seville
LAVENDER—12 dms, Norda Essential Oil & Chem Co, Seville
9 dms, Ungerer & Co, Seville
6 dms, P R Dreyer, Seville
2 dms, Roure Bertrand, Seville
3 dms, Norda Essential Oil & Chem Co, Seville
OLIVE—150 dms, Chemical Bank Trust Co, Seville
100 dms, Comm'l Bank of Greece, Piraeus
25 dms, V M Calderon & Co, Piraeus
65 cs, A Fantis, Piraeus
100 dms, Moscablades Bros, Piraeus
575 cs, R C Williams & Co, Piraeus
243 dms, Schroeder Bros, Piraeus
239 dms, V M Calderon & Co, Piraeus
246 dms, Schroeder Bros, Piraeus
247 dms, Segal Brokerage Co, Piraeus
100 dms, Bank of Greece, Piraeus
100 dms, Mauer Gulden Annis, Piraeus
110 dms, Moscablades Bros, Piraeus
497 dms, V M Calderon & Co, Piraeus
195 dms, Smith-Weihman Co, Piraeus
100 dms, J Ossola, Piraeus
125 dms, Smith-Weihman Co, Piraeus
25 dms, I Alban, Piraeus
50 dms, I S Toledano & J M Pinto, Piraeus
25 dms, Spanish Trading Corp, Piraeus
100 dms, Leghorn Trading Co, Piraeus
100 dms, Agash Refining Corp, Piraeus
50 dms, A N Cory & Co, Piraeus
50 dms, Schroeder Bros, Piraeus
25 dms, Bortolo Bendin, Piraeus
100 dms, Strohmeyer & Arpe Co, Piraeus
200 cs, Periklis Latzonnes, Piraeus
30 cs, G Caponbassis, Piraeus
200 cs, S Philippides, Piraeus
250 cs, National Bank of Greece, Piraeus
450 cs, Smith-Weihman Co, Piraeus
300 dms, Bank of Greece, Candia
50 dms, J S Toledano & J M Pinto, Calamata
250 dms, Comm'l Bank of Greece, Corfu
375 dms, Izmir
100 dms, Smith-Weihman Co, Piraeus
1,650 cs, Popular Bank, Piraeus
100 dms, Victor Cory Co, Piraeus
OIL, OLIVE—100 dms, Smith-Weihman Co, Piraeus
50 dms, J Picarlo, Piraeus
75 dms, Comm'l Bank of Greece, Piraeus
160 dms, Smith-Weihman Co, Piraeus
50 dms, Smith-Weihman Co, Piraeus
200 dms, Antonio Corrao, Piraeus
42 dms, M Condormis, Piraeus
50 dms, Schroeder Bros, Piraeus
100 dms, Lekas & Drivas, Piraeus
300 cs, A Makris & Ero, Piraeus
100 dms, J D Nicolacu, Piraeus
50 dms, J D Nicolacu, Piraeus
OLIVE SULPHUR—100 dms, E M Sergeant Pulp & Chem Co, Lisbon
131,200 kilos, Bank of Athens, Candia
400 tons, Smith Weihman Co, Calamata
200 tons, Comm'l Bank of Greece, Corfu
249 dms, Chase Natl Bank, Lisbon
50 dms, Colgate-Palmolive-Peet Co, Piraeus
ORANGE—10 cs, United Fruit Co, Kingston
PALM—480 tons, Banque Belge Pour l'Etranger, Belawan Deli
516 tons, Balfour, Guthrie & Co, Belawan Deli
530 tons, Belawan Deli
PALMAROSA—1 pot, Bombay
PATCHOULI—2 dms, Batavia
1 dm, Guaranty Trust Co, Batavia
1 dm, Batavia
2 dms, Batavia
PERILLA—344 tons, Mitsui & Co, Tientsin
PIMENTO LEAF—1 dm, Gillespie & Co, Kingston
RAPESEED—250 dms, Bunge North American Grain Co, Buenos Aires
ROSEMARY—12 dms, Norda Essential Oil & Chem Co, Seville
10 dms, Ungerer & Co, Seville
3 dms, P R Dreyer, Seville
4 dms, G Uhe Co, Barcelona
30 dms, Malaga
SOYBEAN—718 tons, Mitsui & Co, Tientsin
TEASEED—170 dms, Arnhold & Co, Hongkong
THYME—2 dms, Fritzsche Bros, Seville
ORANGE PEEL—29 pkgs, J J Brunner, Seville
PAPRIKA—50 bgs, Durkee Famous Food, Seville
50 bgs, Jewett & Sherman Co, Seville
25 bgs, Albert Ehlers, Seville
110 bgs, Villar & Ossorio, Seville
100 bgs, R H Elmaleh, Casablanca
400 bgs, H Bertoreck, Istanbul
160 bgs, P H Petry & Co, Alicante
150 cs, Atlantic & Pacific Tea Co, Alicante
150 bgs, Alicante
PARAFFIN—2,720 bgs, Asiatic Petroleum Corp, Balik Papan
3,760 bgs, Asiatic Petroleum Corp, Balik Papan
PEPPER, BLACK—15 bgs, Catz American Co, Batavia
PIMENTO—75 bgs, Barclay Bank, Kingston
25 bgs, Barclay Bank, Kingston
50 bgs, Kingston
PITCH—46 cks, Allied Asphalt & Mineral Corp, Alexandria
POPPYSEED—315 bgs, G T German, Istanbul
7 bgs, Superintendence Co, Istanbul
100 bgs, R J Spitz, Istanbul
200 bgs, Biddle Purchasing Co, Istanbul
PORK LIVER EXTRACT—7 kgs, Milton Snedeker & Co, Havana
QUICKSILVER—18 flasks, Wells, Fargo & Co, Vera Cruz
15 flasks, A W Fenton Co, Vera Cruz
21 flasks, Chase Natl Bank, Vera Cruz
QUINCE SEED—59 bgs, Irving Trust Co, Malaga
QUININE SULPHATE—60 cs, Guaranty Trust Co, Batavia
ROSE LEAVES—120 bgs, Peek & Velsor, Casablanca
50 bgs, J S Toledano & J M Pinto, Casablanca
33 bgs, R H Elmaleh, Casablanca
SAFFRON FLOWERS—1 cs, Magnus, Mabee & Reynard, Piraeus
SAGE LEAVES—130 bls, S B Penick & Co, Piraeus
SANDALWOOD—50 bgs, Murphy Bisbee, Bombay
SARSAPARILLA ROOT—11 bls, Furness, Withy & Co, Havana
SENNA LEAVES, SIFTINGS—70 bls, American Export Co, Port Said
SESAME SEED—268 bgs, A G Dunn, Kobe
SOAP ROOT—17 bgs, Damaicus Trading Co, Alexandria
SPONGES—15 bls, Havana
16 bls, J H Rhodes & Co, Havana
7 bls, Havana
8 bls, New York & Cuba Mail S S Co, Havana
STORAX—123 cs, Avraam Jaffe, Izmir
13 bbls, Givaudan-Delawanna, Istanbul
SUMAC—2 bgs, Corn Exchange Bank Trust Co, Beirut
TALC—2,000 bgs, Kobe
25 cs, Kobe
TANKAGE—3,353 bgs, Tupman, Thurlow & Co, Buenos Aires
3,248 bgs, Tupman, Thurlow & Co, Buenos Aires
TAPIOCA, GRIST—405 bgs, Stein, Hall & Co, Sourabaya
FLAKE—428 bgs, Stein, Hall & Co, Sourabaya
128 bgs, Stein, Hall & Co, Sourabaya
FLOUR—250 bgs, Batavia
500 bgs, Bank of New York, Sourabaya
500 bgs, Bank of Manhattan, Sourabay
1,001 bgs, Chase Natl Bank, Cheribon
543 bgs, Irving Trust Co, Cheribon
500 bgs, Cheribon
750 bgs, Chase Natl Bank, Cheribon
300 bgs, Tjilatjap
500 bgs, Batavia
766 bgs, Stein, Hall & Co, Sourabay
250 bgs, Cheribon
250 bgs, Batavia
510 bgs, Cheribon
PEARL—134 bgs, Stein, Hall & Co, Sourabaya
268 bgs, Stein, Hall & Co, Sourabaya
SEEDS—604 bgs, Stein, Hall & Co, Sourabaya
TARTAR—184 bgs, Standard Brands, Lisbon
304 bgs, Charles Pfizer & Co, Barcelona
652 bgs, Charles Pfizer & Co, Barcelona
290 bgs, Charles Pfizer & Co, Tarragona
160 bgs, Charles Pfizer & Co, Valencia
251 bgs, Charles Pfizer & Co, Lisbon
TUNA LIVERS — 11 bbls, Chase National Bank, Lisbon

TITANIUM ORE—925 bgs, Santos
TUNGSTEN ORE—93 bgs, Metal Traders, Callao
VALONIA — 4,306 bgs, Barkey Import Co, Izmir
CUPS—4,800 bgs, Barkey & Co, Chanak
VANADIUM—8,010 bgs, Vanadium Corp of America, Callao
VANILLA BEANS — 56 cs, Thurston & Braidich, Vera Cruz
26 cs, Florasynth Lab, Vera Cruz
6 cs, Vera Cruz
40 cs, Tradesmen National Bank, Vera Cruz
31 cs, F Huber & Co, Vera Cruz
18 cs, Dodge & Olcott Co, Vera Cruz
VINE LEAVES—30 bbls, E C Peta, Piraeus
100 cs, Lekas & Drivas, Piraeus
WAX, BEES—33 bls, Chase National Bank, Lisbon
269 bls, Guaranty Trust Co, Lisbon
32 bls, Chase National Bank, Lisbon
43 bls, Guaranty Trust Co, Lisbon
16 bls, Distributing & Trading Co, Lisbon
101 bgs, Rio de Janeiro
240 bgs, Rio de Janeiro
16 bgs, Schutte & Focke, Trujillo
28 bgs, Curacao Trading Co, Trujillo
20 bgs, Schutte & Focke, Trujillo
80 bgs, Santos
27 seroons, Agruba Trading Co, Puerto Plata
20 seroons, Porcella Vicini & Co, Puerto Plata
17 bls, Pan America Export Co, Puerto Barrios
CARNAUBA—63 bgs, American Cyanamid & Chem Co, Rio de Janeiro
38 bgs, A Hurst & Co, Rio de Janeiro
WINE LEES—169 bgs, Lisbon
468 bgs, Lisbon
1,230 bgs, Charles Pfizer & Co, Alicante
200 bgs, Lisbon
319 bgs, Charles Pfizer & Co, Lisbon
96 bgs Lisbon
WOLFRAM ORE—10 bbls, New York Trust Co, Lisbon
20 bbls, Lisbon
10 bbls, New York Trust Co, Lisbon
200 bgs, Wah Chang Trading Corp, Hongkong
300 bgs, Wah Chang Trading Corp, Hongkong
ZINC CONCENTRATE—1,000 tons, Cerro de Pasco Copper Corp, Callao
ZIRCONIUM ORE—500 bgs, Santos
1,200 bgs, Santos

New York Transit Imports

CALCIUM TARTRATE—500 bgs, American Cream Tartar Co, Piraeus, San Francisco
CANARY SEED—202 bgs, H S Head, Casablanca, Toronto
CORIANDER SEED—200 bgs, F N Neal & Co, Casablanca, Richmond
125 bgs, McLaughlin, Gormley & King, Casablanca, Minneapolis
375 bgs, R T French Co, Casablanca, Rochester
CORK, AGLOMERATED — 2,800 contrs, H S Head, Casablanca, Montreal
1,600 contrs, H S Head, Casablanca, Montreal
COTTONSEED MEAL—4,000 bgs, West Texas Cottonoil Co Santos, Houston
2,000 bgs, West Texas Cottonoil Co, Santos, Houston
800 bgs, West Texas Cottonoil Co, Santos, Houston
CUMIN SEED—20 bgs, H S Head, Casablanca, Montreal
HENBANE LEAVES—32 bls, Inland Alkaloid Co, Alexandria, Tipton, Indiana
LICORICE ROOT—6,168 bls, McAndrews & Forbes, Iskenderun, Camden
OIL, CAMPHOR—10 dms, J L Diricks, Hongkong, San Francisco
CASTOR—8 dms, J L Diricks, Hongkong, San Francisco
TEASEED—220 dms, Pacific Vegetable Oil Co, Hongkong, San Francisco
10 dms, J L Diricks, Hongkong, San Francisco
50 dms, Pacific Vegetable Oil Co, Hongkong, San Francisco
OPIUM—3 cs, Eli Lilly & Co, Thessaloniki, Indianapolis
VANILLA BEANS—24 cs, Zink & Triest, Vera Cruz, Philadelphia

Baltimore Imports

BONES—1,189 bgs, Buenos Aires
COTTONSEED MEAL—4,480 bgs, Santos
3,691 bgs, Valparaiso
4,980 bgs, Santos
IRON ORE—7,000 tons, Bethlehem Steel Co, Rio Janeiro
22,300 tons, Bethlehem Steel Co, Cruz Grande
21,500 tons, Bethlehem Steel Co, Cruz Grande
5,700 tons, Daiquiri
MANGANESE ORE—5,263 tons, Bethlehem Steel Co, Durban
5,070 tons, Poti
2,300 tons, Calcutta
OIL, FUEL—60,000 bbls, Standard Oil Co NJ, Aruba
70,000 bbls, Standard Oil Co N J, Aruba
QUEBRACHO EXTRACT—4,200 bgs, Buenos Aires
TANKAGE—2,302 bgs, Buenos Aires
WAX, BEES—89 bgs, Santos

Boston Imports

CASSIA—120 bls, Padang
EMERY ORE—500 tons, Hamilton Emery & Corundum Co, Moutsonna
OIL, OLIVE—198 dms, Pappas Co, Piraeus
100 dms, Donredonre Bros, Piraeus
TAPIOCA FLOUR—500 bgs, Irving Trust Co, Sourabaya
490 bgs, Chase National Bank, Cheribon
475 bgs, Batavia
500 bgs, Sourabaya
SIFTINGS — 71 bgs, Stein, Hall & Co, Sourabaya

Houston Imports

TAPIOCA FLOUR—224 bgs, Stein, Hall & Co, Sourabaya

Los Angeles Imports

AGAR—6 bls, 1,370 lbs, Yokohama
ANTIMONY ORE—85,000 lbs, Iguala, Mex
APRICOT KERNELS—720 lbs, Hongkong
BABASSU KERNELS—2,240 lbs, 342,290 lbs, Brazil
CANARY SEED—43,090 lbs, Buenos Aires
CASSIA—50 bls, 6,670 lbs, Hongkong
44 bls, 5,000 lbs, Tandjong, Priok
CINNAMON—5,000 lbs, Colombo
9,780 lbs, Colombo
COPRA—2,240,000 lbs, Manila
5,600,000 lbs, Manila
MEAL—3,562 bgs, 356,000 lbs, Manila
25,000 bgs, 2,500,000 lbs, Cebu
DYE, HAIR—260 lbs, Yokohama
FISH LIVERS—700 tins, 28,000 lbs, Japan
1,273 tins, 50,920 lbs, Yokohama
500 pkgs, 20,000 lbs, Japan
1,375 tins, 54,280 lbs, Yokohama
100 tins, 4,000 lbs, Kobe
135 tins, 5,400 lbs, Japan
GLASS, SHEET—90 lbs, Vancouver
GYPSUM ROCK—8,220,800 lbs, Mexico
MACE—14 cs, 2,310 lbs, Batavia
MEDICINAL PREPS—130 lbs, Kobe
50 lbs, Yokohama
70 lbs, Yokohama
230 lbs, Hongkong
MINERALS, CRUDE—17 pkgs, 2,200 lbs, Rio de Janeiro
NUTMEGS—80 pkgs, 11,240 lbs, D E I
OIL, PEANUT—1,440 lbs, Hongkong
290 lbs, Hongkong
LEMONGRASS—1 dm, 1,120 lbs, Madras
SESAME—70 lbs, Hongkong
PALM KERNELS—1,118,590 lbs, Medan
584,500 lbs, D E I
PAPRIKA—25 pkgs, 2,750 lbs, Spain
PARAFFIN—480 bgs, 67,200 lbs, Balik Papan
PEANUTS, SHELLED—100,000 lbs, Manila
PEPPER, BLACK—44,800 lbs, Batavia
WHITE—86 bgs, 11,760 lbs, Batavia
35 bgs, 5,600 lbs, Singapore
SHELLAC, SEEDLAC—41,000 lbs, Calcutta
STARCH—3 cs, 150 lbs, Yokohama
POTATO—500 lbs, Yokohama
TAPIOCA FLOUR—33,200 lbs, Sourabay
6,950 lbs, Hongkong
TOILET PREPS—510 lbs, Tokyo
UMBER, GRD—202 bgs, 20,200 lbs, Sheffield
WAX, CARNAUBA—49 bgs, 9,740 lbs, Forteleza

New Orleans Imports

GUM, CHICLE—11 tons, Belize

Norfolk Imports

TAPIOCA FLOUR—2,717 bgs, Irving Trust Co, Cheribon
2,797 bgs, Stein, Hall & Co, Sourabaya

Philadelphia Imports

CELERY SEED—86 bgs, Public National Bank & Trust Co of New York, Bombay
CHROME ORE—5,367 tons, E J Lavino & Co, Pastelillo
CINCHONA BARK — 285 bls, Merck & Co, Tandjong-Priok
CLOVES—32 bgs, Padang
CRYOLITE—2,300 tons, Penna Salt Manufacturing Co, Ivigtut
DILL SEED—78 bgs, R T French Co, Bombay
86 bgs, First National Bank of Baltimore, Bombay
GUM, ARABIC—1,350 bgs, Cunard White Star, Ltd, Port Said
COPAL—140 bgs, Guaranty Trust Co of New York, Alexandria
HASHAB—150 bgs, American Export Lines, Inc, Alexandria
LICORICE ROOT—6,168 bls, MacAndrews & Forbes Co, Iskenderum
MACE—79 cs, Macassar
26 cs, Banda
MOLASSES—1,367,409 gls, E I du Pont de Nemours & Co, Inc, Bufadero
625,627 gls, Publicker Alcohol Co, Sagua la Grande
725,483 gls, Publicker Alcohol Co, Nuevitas
1,227,437 gls, Publicker Alcohol Co, Antilla
NUTMEGS—80 bgs, Banda
49 cs, 81 bgs, Macassar
OIL, COCONUT, CRUDE—468 tons, Bank of California, Cebu
PETROLEUM, CRUDE—73,878 bbls, Gulf Oil Corp, Puerto la Cruz
SESAME SEED—300 bgs, Brown Bros & Harriman, Bombay
60 bgs, Public National Bank & Trust Co of New York, Bombay
TAPIOCA FLOUR—250 bgs, Cheribon; 250 bgs, Batavia

Savannah Imports

TAPIOCA FLOUR—450 bgs, Irving Trust Co, Batavia

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended July 17

Cumin seed, 87 bags; filthy.

Fennel seed, 195 bags; filthy.

Medicinal preparations, 1 case; dangerous drug.

Medicinal preparations, 3 cases; new drug.

Medicinal preparations, 14 cases; false therapeutic claims.

Medicinal preparations, 2 cases; false and misleading statements; no quantity of contents statement.

Nutmegs, 205 bags; restricted use.

Pollack liver oil, 294 drums; restricted use.

Sesame seed, 993 bags; filthy.

Los Angeles

Week Ended July 11

Arrowroot, 20 cases; filthy.

Philadelphia

Week Ended July 1

Medicinal preparation, 1 parcel; no quantity of contents statement.

San Francisco

Week Ended July 11

Medicinal, 240 pieces; false therapeutic claims.

Exports from U.S. Ports

Los Angeles Exports

ACID, BORIC—5,730 lbs, Callao; 1,980 bgs, 221,760 lbs, Calcutta; 250 cks, 56,000 lbs, London; 600 bgs, 67,200 lbs, London; 120 bgs, 13,230 lbs, Rio Janeiro; 120 bgs, 13,230 lbs, Santos
CITRIC—4,600 lbs, Shanghai; 11,000 lbs, Buenos Aires
SULPHURIC—5 dms, 4,000 lbs, Barranquilla
AMMONIA SULPHATE—4,510 lbs, Buenos Aires
ASPHALT—300 bgs, 60,030 lbs, Buenos Aires
LIQUID—10 dms, 4,900 lbs, Shanghai
SOLID—20 dms, 10,080 lbs, Manila
BLUE VITRIOL—2,200 lbs, Buenos Aires
BORATE — 5,594 bgs, 971,110 lbs, Osaka; 64 cks, 14,340 lbs, London; 6,513 bgs, 1,102,390 lbs, Barcelona
BORAX—30 sks, 3,000 lbs, Amapala; 4,835 bgs, 802,060 lbs, Osaka; 40 bgs; 4,480 lbs, Newcastle; 20 bgs, 2,240 lbs, Sydney; 1,601 pkgs, 179,310 lbs, Calcutta; 160 sks, 22,400 lbs, London; 286 bgs, 40,470 lbs, Buenos Aires; 715 bgs, 101,170 lbs, Port Spain; 500 bgs, 55,130 lbs, Rio Janeiro; 1,184 bgs, 132,260 lbs, Santos
CARBON, DECOLORIZING—200 tins, 840 lbs, London
CEMENT, RUBBER—490 lbs, Loiwing
CHEMICAL COMP—180 lbs, Bogota
CLAY, FILTER—4,400 sks, 224,000 lbs, Balik Papan; 672 bgs, 33,600 lbs, Rosario; 9,234 bgs, 465,920 lbs, Buenos Aires; 6,976 sks, 353,920 lbs, Buenos Aires
CLEANER—3,080 lbs, Hongkong; 1,680 lbs, Manila
COLOR, DRY—2,000 lbs, Manila
COPRA—4,318 bgs, 685,400 lbs, Panama City
DIATOMACEOUS EARTH—300 bgs, 30,450 lbs, Peru; 672 bgs, 67,200 lbs, Fremantle; 774 bgs, Melbourne; 400 bgs, 40,000 lbs, Manila; 1,120 bgs, 112,000 lbs, Calcutta; 1,194 bgs, 119,300 lbs, Buenos Aires; 4 bgs, 400 lbs, Panama City
EPSOM SALT—40 bgs, 4,000 lbs, La Libertad
FILM SCRAP—5,010 lbs, London; 6,200 lbs, England
GASOLINE—13,000 dms, Bangkok; 57,070 cs, Bangkok; 9,750 bbls, Yokohama; 66,958 bbls, Sydney; 766 cs, Papeete; 8,265 bbls, Dairen; 9,911 bbls, Shanghai; 25,000 bbls, Hongkong
AVIATION—117 dms, La Union
GLUE—100 lbs, Bogota
GREASE—40 dms, 7,800 lbs, Manila; 16 cs, 800 lbs, Macassar
KEROSENE—9,029 bbls, Sydney; 200 cs, Papeete
LACQUER, COLORED—1,260 lbs, Calcutta
THINNER—30,800 lbs, Loiwing; 440 lbs, Calcutta; 400 lbs, Santruce; 10 dms, 4,400 lbs, San Juan
METHYL CHLORIDE—260 lbs, Hongkong
MINERAL SPIRITS—10 dms, 3,670 lbs, Buenos Aires
OIL, COTTONSEED—770 lbs, Manila
COTTONSEED, FLAKE—2,000 bgs, 200,000 lbs, Manila; 1,563 bgs, 250,080 lbs, Barranquilla
DIESEL—1,381 bbls, Porto Armuelles; 44,472 bbls, Gensan
FUEL—7,240 bbls, Sydney
LUBRICATING—40 dms, Hongkong; 140 pkgs, Manila; 10 dms, Bangkok; 153 pkgs, Macassar; 1,150 dms, Calcutta
MINERAL—1,320 lbs, Bogota
ORANGE—4 cs, 280 lbs, London
TRANSFORMER—5 bxs, Bangkok
PAINT—10 lbs, Manila; 160 lbs, Santruce
ALUMINUM—440 lbs, Semarang; 750 lbs, Batavia; 440 lbs, Medan; 330 lbs, Macassar
PREPARED—1,060 lbs, Buenaventura
PARAFFIN, REFD—5,500 lbs, Puntarenas
PETROLEUM, CRUDE—76,833 bbls, Yokohama; 87,303 bbls, Tokuyama; 65,766 bbls, Dairen
POLISH—450 lbs, San Juan
POTASH IODIDE—20 kgs, 2,240 lbs, Calcutta
MURIATE—1,500 bgs, 302,400 lbs, San Juan; 499,520 lbs, San Juan
SULPHATE—1,000 bgs, 199,360 lbs, San Juan
ROSIN—920 lbs, Hongkong
SOAP, LAUNDRY—1,250 ctns, 62,500 lbs, San Juan
SODA ASH—90 bgs, 9,000 lbs, San Juan del Sur; 90 bgs, 14,000 lbs, Corinto; 3,100 bgs, 643,550 lbs, Rio Janeiro; 2,352 bgs, 352,800 lbs, Sao Paulo
BICARBONATE—20 bgs, 2,000 lbs, Corinto; 50 bgs, 5,000 lbs, Caracas
CAUSTIC—20,400 lbs, Manila
COMPOUND—28 dms, 11,480 lbs, Barranquilla
CYANIDE—9,860 lbs, La Union
SULPHUR—20 bgs, 4,000 lbs, Cornito; 260 bgs, 52,000 lbs, Buenaventura; 70 bgs, 14,000 lbs, Buenaventura
TALC—20 bgs, 2,240 lbs, San Jose de Guatemala; 50 bgs, 5,600 lbs, Bogota; 90 bgs, 5,040 lbs, Arica; 4,190 lbs, Bogota
TANNING MATERIAL—1,400 lbs, Buenos Aires; 23,030 lbs, Buenos Aires
TOILET PREPS—3,240 lbs, Hongkong; 3,330 lbs, Manila; 60 lbs, Pasay; 370 lbs, Quito; 1,000 lbs, Santiago
VARNISH—880 lbs, Hongkong
ZINC OXIDE—20,000 lbs, Manila

New Orleans Exports

ASPHALT—90 tons, Stann Creek
BORAX—40 tons, Havana
DRESSING, LEATHER—5 tons, Vera Cruz
GASOLINE—113 tons, Cartagena; 18 tons, Livingston; 33 tons, Puerto Barrios
KEROSENE — 10 tons, Cristobal; 11 tons, Livingston; 95 tons, Puerto Barrios; 17 tons, Puerto Limon
LARD—33 tons, Cartagena; 109 tons, Santiago; 13 tons, Belize; 41 tons, Havana; 24 tons, Cristobal; 36 tons, Vera Cruz
SUBSTITUTE—14 tons, Puerto Limon
OIL, DIESEL—60 tons, Belize; 10 tons, Livingston; 93 tons, Puerto Cabezas
FUEL—2,000 bbls, Ceiba
LUBRICATING—32 tons, Kingston
TRANSFORMER—30 dms, Puerto Cabezas
PARAFFIN — 56 tons, West Coast South America
ROSIN—16 tons, Cartagena
SALT—20 tons, Belize; 45 tons, Havana
SODA, CAUSTIC—139 tons, Vera Cruz
NITRATE—225 tons, Santa Marta

Philadelphia Exports

ALUMINA SULPHATE—672 bgs, Soerabaya; 110 bgs, Semarang; 672 bgs, Batavia
GASOLINE—250 cs, 50 dms, Maranhao; 10,000 cs, 500 dms, Ceara
GREASE, LUBRIC—1 dm, Pernambuco; 5 buckets, Bahia; 40 ctns, Natal; 66 pkgs, Pernambuco
LICORICE PASTE—4 cs, Cheribon
LUBRICANTS—47 pkgs, Cabedello
OIL, ILLUMINATING—2,000 cs, Maranhao; 5,000 cs, Bahia; 6,000 cs, Ceara
LUBRICATING—30 cs, 25 dms, Maranhao; 20 dms, Ceara; 20 cs, 115 dms, Pernambuco; 105 cs, 125 ctns, 80 dms, Bahia; 55 cs, 155 ctns, 60 dms, Natal; 10 dms, Iquitos; 30 dms, Para; 185 ctns, 61 dms, 185 pkgs, Pernambuco; 6 dms, Soerabaya; 250 dms, Penang; 200 dms, Port Swettenham
PAINT—1 cs, Iquitos
PETROLEUM, REFD—205 pkgs, Para
PLASTIC COMP—4 dms, Rio de Janeiro
POTASH NITRATE—476 bgs, Rio de Janeiro
SODA HYDROSULPHITE—100 dms, Pernambuco

Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Cocoa:—Brazil has established regulations governing the exportation of the 1940-1 cocoa crop. Under these regulations, maximum purchasing quotas for export will be allocated to the cocoa exporters established up to May 14, 1940, within the limits of fixed minimum daily prices.

Fertilizer:—Costa Rica is governing the sale of fertilizer. The new regulations provide that firms or individuals engaged in the manufacture of mixing of commercial fertilizers which provide analysis certificates specifying thereon the percentage of nitrogen and the source from which it is derived, the percentage of available phosphoric acid and the percentage of water soluble phosphate.

Flavoring Oil:—United Kingdom has announced that methods of obtaining licenses for the importation of flavoring oil some time ago but stated that requests for the importation of less or sesquiterpeneless oils from foreign countries would not be considered for the time being.

Glue:—Germany has set up regulations governing the distribution and consumption of animal glues.

Medicinals:—German trade control authorities have issued instructions restricting drug store sales, encouraging the use of substitutes in manufacturing processes, and authorizing deviations from German pharmacopoeia requirements. Boric acid and iodine are among the items affected.

Soda Nitrate:—The United Kingdom Treasury has issued orders which exempt from key industry duty imports of soda nitrate.

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—1,777 bbls, San Diego; 2,186 bbls, San Diego; 78,651 bbls, San Francisco; 67,759 bbls, Portland; 4,300 bbls, San Diego; 3,645 bbls, San Diego; 6,816 bbls, Vancouver; 67,350 bbls, Richmond; 22,764 bbls, Seattle; 24,111 bbls, Seattle
KEROSENE DIST—25,021 bbls, Vancouver
OIL, DIESEL—2,898 bbls, San Diego; 6,912 bbls, Portland; 4,786 bbls, Portland; 1,478 bbls, San Diego; 5,379 bbls, Vancouver; 12,801 bbls, Richmond
FUEL—2,621 bbls, San Francisco; 59,802 bbls, Portland; 77,773, Portland; 66,018 bbls, Seattle; 2,427 bbls, Portland, 76,444 bbls, San Diego
FURNACE—2,276 bbls, Portland
GAS—10,626 bbls, Seattle
SOLVENTS, CLEANING—25,795 bbls, Paulsboro

Harris Quits Customs Post

Basil Harris has resigned as Commissioner of Customs and special shipping adviser to the Secretary of the Treasury. He is returning to the post of vice-president of the United States Lines which he left last September to accept the treasury position. His successor as head of the Bureau of Customs has not yet been named.

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Equipment Offered

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

PEBBLE MILLS, 50-155-400 gallons, silex lined; jar mills, 1 and 4 gallons; 18 inch Day pot mill; 30 inch cast iron Shriver filter press. Lawler Engineering Co., Metuchen, N. J.

LIQUIDATION:—One Patterson 6 ft. x 8 ft. ball mill, motor driven; 1 Patterson 6 ft. x 8 ft. pebble mill; two Sharples No. 6 clarifiers; seven Ross 72-gal. lead mixers; four 1,000 to 1,200-gal. Patterson agitated tanks; two Day roller mills, 12x 32 in.; 20,000 lbs. steel balls; eight 26 in. Ross stone mills with iron mill feeds. Priced attractively for quick sale at locations. Brill Equipment Corporation, 183 Varick street, New York City.

Equipment Wanted

WANTED — For chemical plant, filter press, jacketed kettle, vacuum dryer, powder mixer, pulverizer. No dealers. BOX 932, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, corner, one story; 20,000 sq. ft., concrete floor with drains, live steam available, good headroom; unrestricted district in Brooklyn; low rent. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Materials Offered

CRUDE FUSEL oil, 3,000 American gallons available for immediate shipment; packed in first-class second-hand heavy 50-gallon steel drums. Shanahan's Limited, Vancouver, B. C., Canada.

FOR SALE—200 bbls. sodium bisulfite, approximately 44% SO_2 ground, bbls. at 1½c. per lb.; 2 bbls. colocynth pulp, 42c. per lb.; 1 ton cohosh root black, ground, 3c. per lb.; 1 bbl. egg whole powdered, 38c. per lb.; 600 lbs. lady slipper, ground, 10c. per lb. And request offers on 100 lbs. lycopodium, bulk and paper bundles; 3 bbls. Greenland kryolith, 1 bbl. tin oxide, all f.o.b. Cincinnati, prompt shipment. The Globe Chemical Co., Cincinnati, Ohio.

Plants Offered

FOR SALE—Plant suitable for manufacturing chemicals, paint, asphaltic products, etc.; 12 acres of land, sidings and tankage; main bldg. of modern construction has over 30,000 sq. ft. of floor space; several auxiliary bldgs. provide additional space. Taxes low, labor situation favorable. Less than an hour's ride from New York. Will make attractive price and terms. BOX 963, Oil, Paint and Drug Reporter.

Positions Vacant

EXPERIENCED CHEMIST wanted acquainted with manufacturing of glandular extracts and glandular hypodermic solutions. BOX 954, Oil. Paint and Drug Reporter.

OIL CHEMIST — Thorough knowledge textile and lubricating oils, also emulsions; capable developing line of industrial oils and supervising their manufacture. BOX 962, Oil, Paint and Drug Reporter.

Positions Wanted

PHARMACEUTICAL CHEMIST—Young, Christian, registered pharmacist. Several years' experience in supervising production, analytical control, new product research and development. Capable, versatile. BOX 953, Oil, Paint and Drug Reporter.

HEAD CHEMIST of large concern, equipped to tackle all your paint problems on scientific basis to positive results; 12 years' industrial, architectural practice; new basic ideas; seeks change to more progressive house. BOX 955, Oil, Paint and Drug Reporter.

GRADUATE CHEMIST—Twenty years' experience in paint, varnish and allied products industry, including laboratory, factory and extensive sales work; desires position as general manager, sales manager or assistant to president for special sales or other details. BOX 958, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST—30 years' diversified experience; analytical, biological, vitamins, research, labeling, raw material control, new product development, office administration; skilled in manufacture of pills, tablets, ampules; references. BOX 959, Oil, Paint and Drug Reporter.

MANUFACTURING PHARMACEUTICAL chemist, capable, 28 years old, 8 years' experience; thoroughly familiar with accurate manufacturing ointments, liquids, fluid extracts, emulsions, suppositories, ampules; finest references; available immediately; location optional; supervisory capacity. BOX 960, Oil, Paint and Drug Reporter.

Positions Wanted

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Picrate:—1,035,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2332, opening July 23.

Benzol:—10,580 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2290, opening July 23.

Biologicals:—Supplies of; Warden, Federal Correctional Institution, LaTuna, Tex.; invitation 2158, opening July 24.

Borax:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2336, opening July 26.

Formaldehyde Solution:—5,000 pounds for Mare Island; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2348, opening July 30.

Gasoline:—950,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 4170, opening July 29.

Gasoline:—Supplies of; Purchasing Officer, Interior Department, Washington; invitation 6437, opening June 24.

Glycerin:—1,400 gallons; Commanding Officer, Rock Island Arsenal, Ill.; circular 16, opening July 23.

Kerosene:—300,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 4170, opening July 29.

Manganese Linoleate:—50,000 pounds for Norfolk, Va.; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2443, opening August 9.

100,000 pounds for Mare Island; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2443, opening August 9.

Resinate:—50,000 pounds; for Norfolk, Va.; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2443, opening August 9.

25,000 pounds for Mare Island; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2443, opening August 9.

Nitroglycerin:—1,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 117, opening July 29.

Paint Pigments:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2353, opening July 30.

Petroleum Residue:—100 tons for Norfolk, Va.; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2440, opening August 9.

400 tons for Mare Island; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2440, opening August 9.

Scouring Compound:—70,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2255, opening July 23.

Soap, Powder:—250,000 pounds; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2451, opening August 6.

Saltwater:—Supplies of; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2455, opening July 9.

Strontium Nitrate:—700 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 116, opening July 29.

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Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or cooperative office of the bureau, and not to this publication. When writing give the number of the item:—

Ammonia Salts:—Alexandria, Egypt; purchase (208).

Ammonium Phosphate: — Alexandria, Egypt; purchase (208).

Ammonium Sulphate: — Alexandria, Egypt; purchase (208).

Ammonium Sulphate:—Macau, South China; purchase (185).

Barium Chloride: — Toronto, Canada; purchase (219).

Barium Hydrate:—Bombay, India; purchase (205).

Borax:—Alexandria, Egypt; purchase (208).

Boric Acid:—Alexandria, Egypt; purchase (208).

Boric Acid:—Bombay, India; purchase (205).

Calcium Chloride: — Bombay, India; purchase (205).

Collodium:—Alexandria, Egypt; purchase (208).

Copper Sulphate:—Alexandria, Egypt; purchase (208).

Glycerin: — Alexandria, Egypt; purchase (208).

Iron Oxide:—Alexandria, Egypt; purchase (208).

Litharge: — Bombay, India; purchase (205).

Lithopone: — Alexandria, Egypt; purchase (208).

Naphthalene:—Alexandria, Egypt; purchase (208).

Nitric Acid:—Alexandria, Egypt; purchase (208).

Petroleum Jelly:—Alexandria, Egypt; purchase (208).

Potash Alum:—Alexandria, Egypt; purchase (208).

Potash Chlorate:—Alexandria, Egypt; purchase (208).

Contracts Awarded

Ammonia, Anhydrous: — 40,000 pounds, awarded to Peebles Chemical Company, Arlington, Va.; by the Picatinny Arsenal, N. J., at 14.4c. per pound; procurement 823, opening June 26.

Soda Lime:—145,000 pounds; awarded to Dewey & Almy Chemical Company, Cambridge, Mass., by the Picatinny Arsenal, N. J., at 11c. per pound; procurement 790, opening June 21.

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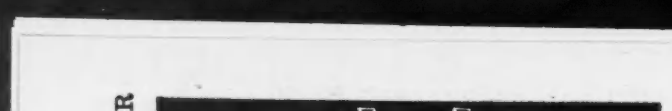
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